

## IGHA1

### Recombinant Human IgA Fc Region Protein

|                                 |                                                                                                                                                                                                                                                                                                    |                  |                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| <b>Catalog No.</b>              | EHJ92401A<br>EHJ92401B                                                                                                                                                                                                                                                                             | <b>Quantity:</b> | 100 µg<br>1.0 mg |
| <b>Alternate Names:</b>         | Immunoglobulin heavy constant alpha 1, Ig alpha-1 chain C region, IgA-Fc, IGH A1                                                                                                                                                                                                                   |                  |                  |
| <b>Description:</b>             | Ig alpha is the major immunoglobulin class in body secretions. The antigen binding site for immunoglobulin (antibody) is formed by the variable domain of one heavy chain, together with that of its associated light chain. IgA-Fc region is the constant region of immunoglobulin A heavy chain. |                  |                  |
| <b>UniProt ID:</b>              | P01876                                                                                                                                                                                                                                                                                             |                  |                  |
| <b>Protein Construction:</b>    | A DNA sequence encoding the human IGH A1 (Cyc122-Tyr353)                                                                                                                                                                                                                                           |                  |                  |
| <b>Source:</b>                  | Mammalian cell line                                                                                                                                                                                                                                                                                |                  |                  |
| <b>Molecular Weight:</b>        | 26 kDa                                                                                                                                                                                                                                                                                             |                  |                  |
| <b>Formulation:</b>             | Lyophilized from sterile-filtered PBS, pH 7.4                                                                                                                                                                                                                                                      |                  |                  |
| <b>Purity:</b>                  | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                  |                  |                  |
| <b>Applications:</b>            | ELISA, Western blot, immunogen                                                                                                                                                                                                                                                                     |                  |                  |
| <b>Reconstitution:</b>          | <b>Centrifuge vial prior to opening.</b> Reconstitute with sterile water to a concentration of not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted into buffered solutions containing a carrier protein.                                              |                  |                  |
| <b>Storage &amp; Stability:</b> | Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>                                                                                                                           |                  |                  |

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