

Fatty Acid Binding Protein-1 Human Recombinant, His Tag

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| Item Number | rAP-3282 |
| Synonyms | Fatty acid-binding protein 1 liver, L-FABP, FABPL, FABP-1, FABP1, Z-protein. |
| Description | FABP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing a total of 147 amino acids (1-127 a.a) and having a molecular mass of 16 kDa. The protein is fused to a 20 a.a His-Tag at N-terminus.The FABP-1 is purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P07148 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSEIVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTT- FKNIKSVTELANGDIIT NTMTLGDIVF KRISKRI. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles. |
| Formulation and Purity | The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8. Greater than 95.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**