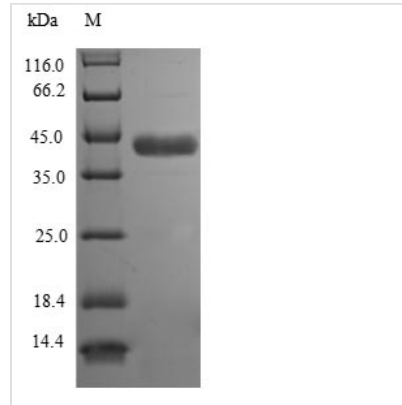




Recombinant Human Aspartoacylase(ASPA)

| | |
|----------------------------|---|
| Product Code | CSB-EP002223HU |
| Relevance | Catalyzes the deacetylation of N-acetylaspartic acid (NAA) to produce acetate and L-aspartate. NAA occurs in high concentration in brain and its hydrolysis NAA plays a significant part in the maintenance of intact white matter. In other tissues it act as a scavenger of NAA from body fluids. |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P45381 |
| Storage Buffer | Tris-based buffer?50% glycerol |
| Product Type | Recombinant Protein |
| Species | Homo sapiens (Human) |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRTGLEVKPFITN PRAVKKCTRYIDCDLNRIFDLENLGKKMSEDLPEYVRRRAQEIHLFGPKDSEDS YDIIFDLHNTTSNMGCTLILEDNRNLIQMFHYIKTSLAPLPCYVYLIEHPSLKY ATTRSIKYPVGVGPGPQGVLRADILDQMRKMIKHALDFIHHFNEGKEFPFC AIEVYKIIIEKVDYPRDENGIEAIIHPNLQDQDWKPLHPGDPMFLTLTGKTIPLG GDCTVYPVVFVNEAAYYEKKEAFKTTKLTNAKSIRCCLH |
| Research Area | Signal Transduction |
| Source | E.coli |
| Gene Names | ASPA |
| Protein Names | Aminoacylase-2 Short name: ACY-2 ACY2, ASP |
| Expression Region | 1-313aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 10xHis-tagged and C-terminal Myc-tagged |
| Mol. Weight | 42.7 kDa |
| Protein Description | Full Length |
| Image | |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.