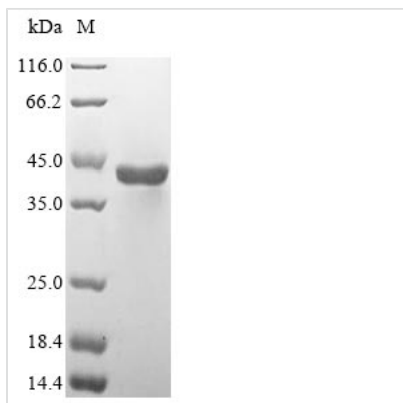




# Recombinant Human Aspartoacylase (ASPA)

<b>Product Code</b>	CSB-MP002223HU
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Human ASPA protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P45381
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MTSCHIAEEHIQKVAIFGGTHGNELTGVFLVKHWLENGAEIQRTGLEVKPFITN PRAVKKCTRYIDCDLNRIFDLENLGKKMSEDLPEYVRRRAQEIHLFGPKDSEDS YDIIFDLHNTTSNMGCTLILEDNRNFIQMFHYIKTSLAPLPCYVYLIEHPSLKY ATTRSIKYPVGVIEVGPQPQGVLRADILDQMRKMIKHALDFIHFFNEGKEFPFC AIEVYKIIKVDYPRDENGIEAIIHPNLQDQDWKPLHPGDPMFLTLDGKTIPLG GDCTVYPVVFVNEAAYYEKKEAFAKTTKLTNAKSIRCCLH
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ASPA
<b>Protein Names</b>	Aminoacylase-2 ACY2, ASP
<b>Expression Region</b>	1-313aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	39.7 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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.