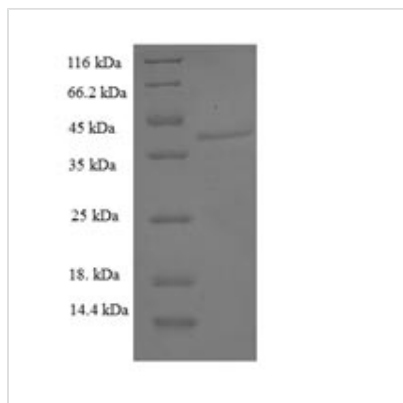


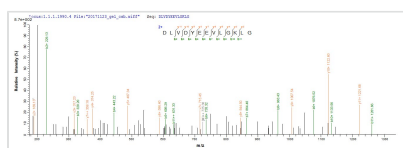


Recombinant Human Aspartyl/asparaginyl beta-hydroxylase (ASPH), partial

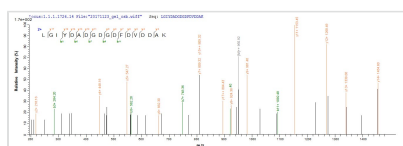
Product Code	CSB-EP002226HU
Relevance	Isoform 1: specifically hydroxylates an Asp or Asn residue in certain epidermal growth factor-like (EGF) domains of a number of proteins.
Abbreviation	Recombinant Human ASPH protein, partial
Storage	The shelf life is related to many factors, storage state, buffer 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.	Q12797
Alias	Aspartate beta-hydroxylase ;ASP beta-hydroxylase;Peptide-aspartate beta-dioxygenase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FDLVDYEEVLGKLGIIYDADGDGDFDVDDAKVLLGLKERSTSEPAVPPEEAEPH TEPEEQVPVEAEPQNIIDEAKEQIQSLLHEMVHAEHETESYHVEETVSQDCN QDMEEMMSEQENPDSSEPVEDERLHHDTDDVTYQVYEEQAVYEPLENEGI EITEVTAPPEDNPVEDSQVIVEEVSIQVVEEQVEVPPDT
Research Area	Signal Transduction
Source	E.coli
Target Names	ASPH
Expression Region	75-270aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	38.2kDa
Protein Length	Partial of Isoform 6
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP002226HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) ASPH.



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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.