



Recombinant Human Acylamino-acid-releasing enzyme (APEH)

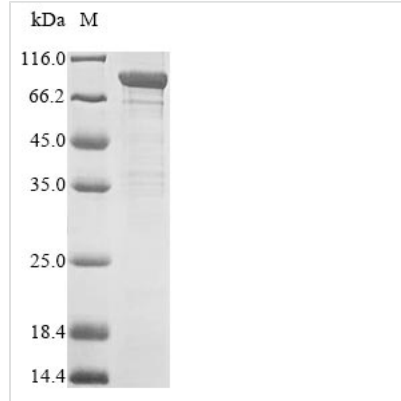
Product Code	CSB-EP001899HU
Relevance	This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus. It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser.
Abbreviation	Recombinant Human APEH protein
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.	P13798
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MERQVLLSEPEEAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQ RDLERMENIRFCRQYLVFHDGDSVVFAGPAGNSVETRGELLSRESPSGTMKA VLRKAGGTGPGEEKQFLEVWEKNRKLKSFNLSALEKHGVPVYEDDCFGCLSW SHSEHLLYVAEKKRPKAESFFQTKALDVSASDDEIARLKKPDQAIKGDQFVY EDWGENMVSKSIPVLCVLDVESGNISVLEGVPENVSPGQAFWAPGDAGVVFV GWWHEPFRLGIRFCTNRRSALYYVDLIGGKCELLSDDSLAVSSPRLSPDQCRI VYLQYPSLIPHHQCSQLCLYDWYTKVTSVVVDVPRQLGENFSGIYCSLLPLG CWSADSQRVVFDSAQRSRQDLFAVDTQVGTVTSLTAGGSGGSWKLLTIDQDL MVAQFSTPSLPPTLKVGFPLPSAGKEQSVLWVSLLEAEPIPDHGWGIRVLQPPPE QENVQYAGLDFEAILLQPGSPPDKTQVPMVVMPPHGGPHSSFVTAWMLFPAML CKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQDVKDQFAVEQVLQEEHFD ASHVALMGGSHGGFISCHLIGQYPETYRACVARNPVINIASMLGSTDIPDWCV VEAGFPFSSDCLPDLVVAEMLDKSPIRYIPQVKTPLLLMLGQEDRRVPPFKQG MEYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFMNAVLWLRTHLGS
Research Area	Others
Source	E.coli
Target Names	APEH
Protein Names	Acyl-peptide hydrolase (APH) (Acylaminoacyl-peptidase) (Oxidized protein hydrolase) (OPH) (D3F15S2) (D3S48E) (DNF15S2)
Expression Region	1-732aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 85.2 kDa

Protein Length Full Length

Image



(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.