



# Recombinant Human Acylamino-acid-releasing enzyme (APEH)

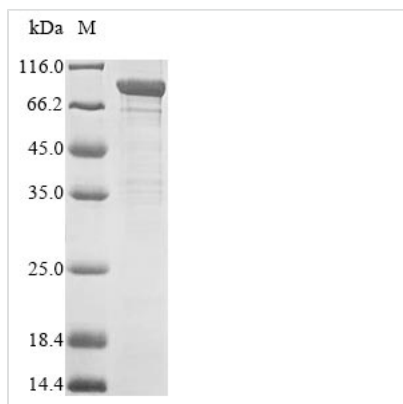
<b>Product Code</b>	CSB-EP001899HU
<b>Relevance</b>	This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus. It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser.
<b>Abbreviation</b>	Recombinant Human APEH 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>	P13798
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MERQVLLSEPEEAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQ RDLERMENIRFCRQYLVFHDGDSVVFAGPAGNSVETRGELLSRESPSGTMKA VLRKAGGTGPGEEKQFLEVWEKNRKLKSFNLSALEKHGPPVYEDDCFGCLSW SHSEHLLYVAEKKRPKAESFFQTKALDVSASDDEIARLKKPDQAIKGDQFVY EDWGENMVSKSIPVLCVLDVESGNISVLEGVPEENVSPGQAFWAPGDAGVVFV GWWHEPFRLGIRFCTNRRSALYYVDLIGGKCELLSDDSLAVSSPRLSPDQCRI VYLQYPSLIPHHQCSQLCLYDWYTKVTSVVVDVPRQLGENFSGIYCSLLPLG CWSADSQRVVFDSAQRSRQDLFAVDTQVGTVTSLTAGGSGGSWKLLTIDQDL MVAQFSTPSLPPTLKVGFPLPSAGKEQSVLWVSLLEAAEIPDIHWGIRVLQPPPE QENVQYAGLDFEAILLQPGSPDKTQVPMVVMPPHGGPHSSFVTAWMLFPAML CKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQDVKDVFQFAVEQVLQEEHFD ASHVALMGGSHGGFISCHLIGQYPETYRACVARNPVINIASMLGSTDIPDWCV VEAGFPFSSDCLPDLVVAEMLDKSPIRYIPQVKTPLLLMLGQEDRRVVPFKQG MEYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFMNAVWLRLRTHLGS
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	APEH
<b>Protein Names</b>	Acyl-peptide hydrolase (APH) (Acylaminoacyl-peptidase) (Oxidized protein hydrolase) (OPH) (D3F15S2) (D3S48E) (DNF15S2)
<b>Expression Region</b>	1-732aa
<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 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.