



Recombinant Human Acylamino-acid-releasing enzyme(APEH)

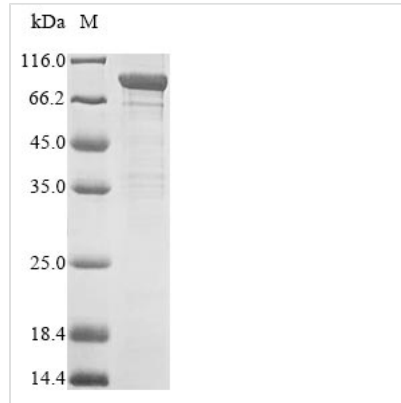
Product Code	CSB-EP001899HU
Relevance	This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus. It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser.
Storage	The shelf life is related 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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	P13798
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	MERQVLLSEPEEAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQ RDLERMENIRFCRQYLVFHDGDSVVFAGPAGNSVETRGELLSRESPSGTMKA VLRKAGGTGPGEEKQFLEVWEKNRKLKSFNLSALEKHGPVYEDDCFGCLSW SHSEHLLYVAEKKRPKAESFFQTKALDVSASDDEIARLKKPDQAIKGDQFVY EDWGENMVSKSIPVLCVLDVESGNISVLEGVPEENVSPGQAFWAPGDAGVVFV GWWHEPFRLGIRFCTNRRSALYYVDLIGGKCELLSDDSLAVSSPRLSPDQCRI VYLQYPSLIPHHQCSQLCLYDWYTKVTSVVVDVPRQLGENFSGIYCSLLPLG CWSADSQRVVFDSAQRSRQDLFAVDTQVGTVTSLTAGGSGGSWKLLTIDQDL MVAQFSTPSLPPTLKVGFPLPSAGKEQSVLWVSLLEAAEPIPDHGWIRVLQPPPE QENVQYAGLDFEAILLQPGSPDKTQVPMVVMPPHGGPHSSFVTAWMLFPAML CKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQDVKDVFQFAVEQVLQEEHFD ASHVALMGGSHGGFISCHLIGQYPETYRACVARNPVINIASMLGSTDIPDWCV VEAGFPFSSDCLPDLVVAEMLDKSPIRYIPQVKTPLLLMLGQEDRRVPFKQG MEYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFMNAVWLWRTHLGS
Research Area	Others
Source	E.coli
Gene 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? for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 85.2 kDa

Protein Description Full Length

Image



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