

Recombinant Human APEH protein, His-tagged

Cat. No. APEH-2527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APEH protein(P13798)(1-732aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-732aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	85.2 kDa
AA Sequence	MERQVLLSEPEEAAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQRDL ERMENIRFCRQYLVFHDGDSVVFAGPAGNSVETRGELLSRESPSGTMKAVLRKAG GTGPGEEKQFLEVWEKNRKLKSFNLSALEKHGPPVYEDDCFGCLSWSHSETHLLYV AEKKRPKAESFFQTKALDVSASDDEIARLKKPDQAIKGDQFVFYEDWGENMVSKSIP VLCVLDVESGNISVLEGVPENVSPGQAFWAPGDAGVVFVGWWHEPFRLGIRFCTN RRSALYYVDLIGGKCELLSDDSLAVSSPRLSPDQCRIVYLQYPSLIPHHQCSQLCLYD WYTKVTSVVVDVWPRQLGENFSGIYCSLLPLGCWSADSQRVVFDSAQRSRQDLFA VDTQVGTVTSLTAGGSGGSWKLLTIDQDLMVAQFSTPSLPPTLKVGFPLPSAGKEQS VLWVSLEEAEPIDIHWGIRVLQPPPEQENVQYAGLDFAILLQPGSPDPKTQVPMV

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VMPHGGPHSSFVTAWMLFPAMLCKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQ
 DVKDVQFAVEQVLQEEHFDASHVALMGSGHGGFISCHLIGQYPETYRACVARNPVI
 NIASMLGSTDIPDWCVVEAGFPFSSDCLPDLSVWAEMLDKSPIRYIPQVKTPLLLMLG
 QEDRRVPFKQGM EYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFMNAVLWLRT
 HLGS

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name APEH N-acylaminoacyl-peptide hydrolase [Homo sapiens]

Official Symbol APEH

Synonyms APEH; N-acylaminoacyl-peptide hydrolase; D3F15S2, D3S48E, DNF15S2; acylamino-acid-releasing enzyme; acyl-peptide hydrolase; acylaminoacyl-peptidase; oxidized protein hydrolase; APH; OPH; AARE; ACPH; D3S48E; D3F15S2; DNF15S2; MGC2178;

Gene ID 327

mRNA Refseq NM_001640

Protein Refseq NP_001631

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MIM	102645
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UniProt ID	P13798
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