

Recombinant Human AOPEP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AOPEP-5071H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C9orf3 MS Standard C13 and N15-labeled recombinant protein (NP_116212) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the M1 zinc aminopeptidase family. The encoded protein is a zinc-dependent metallopeptidase that catalyzes the removal of an amino acid from the amino terminus of a protein or peptide. This protein may play a role in the generation of angiotensin IV. Alternate splicing results in multiple transcript variants.
Molecular Mass	82.1 kDa
AA Sequence	MDIQLDPARDDLPLMANTSHILVKHYVLDLDVDFESQVIEGTIVLFLEDGNNRFKKQNS SIEEACQSESNAKCKFGMPEPCHIPVTNARTFSSEMEYNDFAICSKGEKDTSDKDG NHDNQEHASGISSSKYCCDTGNHGSDFLLVLDCCDLSVLKVEEVDVAAPVPLEKF TRSPELTVVSEEFNRNQIVRELVTLPANRWREQLDYARCSQAPGCGELLFDTDTWS LQIRKTGAQTATDFPHAIRIWYKTKPEGRSVTWTSQSGRPCVYTVGSPINNRAFP CQEPPVAMSTWQATVRAAASFVVLMSGENSAKPTQLWEECSSWYYYVTMPMPAS TFTIAGVCWTEMKMETWSSNDLATERPFSPSEANFRHVGVC SHMEYPCRFQNAS TTQEIIPHRVFAPVCLTGACQETLLRLIPPCLSAHSLVGAHPFSRLDVLIVPANFPSL

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GMARPSKDKTGHTSDSGASVIKHGLNPEKIFMQVHYLKGYFLLRFLAKRLGDETYFS
 FLRK FVHTFHGQLILSQDFLQMLLENIP E EKRLELSVENIYQDWLESSGIPKPLQRER
 RAGAECGLARQVRAEVTKWIGVNRPRKRKRREKEEVFEKLLPDQLVLLLEHLLEQ
 KTLSPRTLQSLQRTYHLQDQDAEVRHRWC ELIVKHKFTKAYKSVERFLQEDQAMGV
 YLYGELMVSEDARQQQLARRCFERTKEQMDRSSAQVVAEMLFTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name AOPEP aminopeptidase O (putative) [Homo sapiens (human)]

Official Symbol AOPEP

Synonyms AOPEP; aminopeptidase O (putative); APO; AP-O; ONPEP; C90RF3; C9orf3; aminopeptidase O

Gene ID 84909

mRNA Refseq NM_032823

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Protein Refseq NP_116212

UniProt ID Q8N6M6

SDS-PAGE



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