

## Product datasheet for TP302214L

### AOPEP (NM\_032823) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 3 (C9orf3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202214 protein sequence Red=Cloning site Green=Tags(s)

MDIQLDPARDDLPLMANTSHILVKHYVLDLVDVDFESQVIEGTIVLFLEDGNRFKKQNSSIEEACQSESNK  
ACKFGMPEPCHIPVTNARTFSSEMEYNDFAICSKGEKDTSDKDGNHDNQEHASGISSSKYCCDTGNHGSE  
DFLLVLDCCDLSVLKVEEVDVAAPVPLEKFTRSPELTVVSEEFRNQIVRELVTLPANRWREQLDYYARCS  
QAPGCGELLFDTDTWLSLQIRKTGAQTATDFPHAIRIWKTKPEGRSVTWTSDQSGRPCVYTVGSPINNRA  
LFPCQEPPVAMSTWQATVRAAASFVWLMSGENSAKPTQLWEECSSWYVVYVTPMPASTFTIAVGCWTEMK  
METWSSNDLATERPFSPSEANFRHVGVCSHMEYPCRFQNASATTQEIIPHRVFAPVCLTGACQETLLRLI  
PPCLSAAHSVLGAHPFSRLDVLIVPANFSLGMARPSKDKTGHTSDSGASVIKHGLNPEKIFMQVHYLKG  
YFLLRFLAKRLGDETYFSFLRKFVHTFHGQLILSQDFLQMLLENIPEEKRELSVENIYQDWLESSGIPK  
PLQRERRAGAECGLARQVRAEVTKWIGVNRPRKRKRREKEEVFEKLLPDQLVLLLEHLELQKTLSPRTL  
QSLQRTYHLQDQDAEVRHRWCCELIVKHKFTKAYKSVERFLQEDQAMGVVLYGELMVSEARQQQLARRCF  
ERTKEQMDRSSAQVAEMLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	81.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_116212](#)

**Locus ID:** 84909

**UniProt ID:** [Q8N6M6](#)

**RefSeq Size:** 2931

**Cytogenetics:** 9q22.32

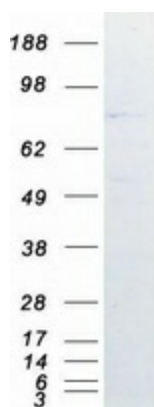
**RefSeq ORF:** 2160

**Synonyms:** AP-O; APO; C9orf3; C9ORF3; ONPEP

**Summary:** 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. [provided by RefSeq, Oct 2010]

**Protein Families:** Protease

### Product images:



Coomassie blue staining of purified AOPEP protein (Cat# [TP302214]). The protein was produced from HEK293T cells transfected with AOPEP cDNA clone (Cat# [RC202214]) using MegaTran 2.0 (Cat# [TT210002]).