

Product datasheet for TP302214

AOPEP (NM_032823) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human chromosome 9 open reading frame 3 (C9orf3), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC202214 protein sequence
Red=Cloning site **Green**=Tags(s)

MDIQLDPARDDLPLMANTSHILVKHYVLDLVDVFESQVIEGTIVLFLEDGNRFKKQNSSIEEACQSESNK
ACKFGMPEPCHIPVTNARTFSSEMEYNDFAICSKGEKDTSDKDGNHDNQEHASGISSSKYCCDTGNHGSE
DFLLVLDCCDLSVLKVEEVDVAAPVPLEKFTSRPELTVVSEEFNRNQIVRELVTLPANRWREQLDYYARCS
QAPGCGELLFDTDTWLSLQIRKTGAQTATDFPHAIRIWKTKPEGRSVTWTSDQSGRPCVYTVGSPINNRA
LFPCQEPVAMSTWQATVRAAASFVLMMSGENSAKPTQLWEECSWYVVYVTPMPASTFTIAVGCWTEMK
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]).