

Product datasheet for PH302214

AOPEP (NM_032823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C9orf3 MS Standard C13 and N15-labeled recombinant protein (NP_116212)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202214
Predicted MW:	82.1 kDa
Protein Sequence:	>RC202214 protein sequence Red=Cloning site Green=Tags(s)

MDIQLDPARDDLPLMANTSHILVKHYVLDLDFVDFESQVIEGTIVLFLFEDGNRFKKQNSSIEEACQSESNK
ACKFGMPEPCHIPVTNARTFSSEMEYNDFAIKSGEKDTSKDGNDNQEHASGISSSKYCCDTGNHGSE
DFLLVLDCDLSVLKVEEVDVAAVPGLEKFRSPELTVVSEEFRNQIVRELVTLPANRWREQLDYYARCS
QAPGCGELLFDTDTWSLQIRKTGAQTATDFPHAIRIWIYKTKPEGRSVTWTSDQSGRPCVYTVGSPINNRA
LFPCQEPVAMSTWQATVRAAASFVVLMSGENSAKPTQLWEECSSWYVVYVMPMPASTFTIAGVCWTEMK
METWSSNDLATERPFPSEANFRHVGVCSHMEYPCRFQNASATTQEIIIPHRVAFVCLTGACQETLLRLI
PPCLSAHSLVGAHPFSRLDVLIVPANFSLGMARPSKDKTGHTSDSGASVIKHLNPEKIFMQVHYLKG
YFLLRFLAKRLGDETYFSFLRKFVHTFHGQLILSQDFLQMLLENIPEEKRELSVENIYQDWLESSGIPK
PLQRERRAGAECGLARQVRAEVTWIGVNRPRKRKRREKEEVFEKLLPDQLVLLLEHLLEQKTLSPRTL
QSLQRTYHLQDQDAEVRHRWCELIVKHKFTKAYKSVERFLQEDQAMGVYLYGELMVSEDARQQQLARRCF
ERTKEQMDRSSAQVVAEMLF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_116212</u>



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RefSeq Size:	2931
RefSeq ORF:	2160
Synonyms:	AP-O; APO; C9orf3; C9ORF3; ONPEP
Locus ID:	84909
UniProt ID:	Q8N6M6
Cytogenetics:	9q22.32

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]).