

Recombinant Full Length Human C9orf3 Protein, GST-tagged

Cat. No. C9orf3-2696HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C9orf3 full-length ORF (NP_116212.3, 1 a.a. - 720 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	720 amino acids
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. [provided by RefSeq, Oct 2010]
Molecular Mass	108.5 kDa
AA Sequence	MDIQLDPARDDLPLMANTSHILVKHYVLDLDDVDFESQVIEGTIVLFLEDGNNRFKKQNS SIEEACQSESNNKACKFGMPEPCHIPVTNARTFSSEMEYNDFAICSKGEKDTSDKDG NHDNQEHASGISSSKYCCDTGNHGSDFLLVLDCCDLSVLKVEEVDVAAPVPLEKF TRSPELTVVSEEFNRNQIVRELVTLPANRWREQLDYYARCSQAPGCGELLFDTDTWS LQIRKTGAQTATDFPHAIRIWYKTKPEGRSVTWTSQSGRPCVYTVGSPINNRLFP CQEPPVAMSTWQATVRAAASFVVLMSGENSAKPTQLWEECSSWYYYVTMPMPAS TFTIAVGCWTEMKMETWSSNDLATERPFSPSEANFRHVGVC SHMEYPCRFQNASA TTQEIIIPHRVFAPVCLTGACQETLLRLIPPCLSAHSLVGAHPFSRLDVLIVPANFPSL

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GMARPSKDKTGHTSDSGASVIKHGLNPEKIFMQVHYLKG YFLLRFLAKRLGDETYFS
 FLRK FVHTFHGQLILSQDFLQMLLENIP E EKRLELSVENIYQDWLESSGIPKPLQRER
 RAGAECGLARQVRAEVT KWIGVNR RPRKRKRREKEEVFEKLLPDQLVLLLEHLLEQ
 KTLSPRTLQSLQRTYHLQDQDAEVRHRWC ELIVKHKFTKAYKSVERFLQEDQAMGV
 YLYGELMVSEDARQQQLARRCFERTKEQMDRSSAQVVAEMLF

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

C9orf3 chromosome 9 open reading frame 3 [Homo sapiens]

Official Symbol

C9orf3

Synonyms

C9ORF3; chromosome 9 open reading frame 3; aminopeptidase O; AOPEP; AP O;
 APO; C90RF3; FLJ14675;

Gene ID

84909

mRNA Refseq

NM_032823

Protein Refseq

NP_116212

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MIM	619600
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UniProt ID	Q8N6M6
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