

Datasheet for ABIN7552114
C9orf3 Protein (AA 1-819) (His tag)



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Overview

Quantity:	1 mg
Target:	C9orf3
Protein Characteristics:	AA 1-819
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C9orf3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AOPEP Protein expressed in mammalian cells.
Sequence:	MDIQLDPARD DLPLMANTSH ILVKHYVLDL DVDFESQVIE GTIVLFLEDG NRFKKQNSSI EEACQSES NK ACKFGMPEPC HIPVTNARTF SSEMEYNDFA ICSKGEKDTS DKDGNHDNQE HASGISSKY CCDTGNHGSE DFLLVLDCDD LSVLKVEEVD VAAVPGLEKF TRSPELTVVS EEFRNQIVRE LVTLPANRWR EQLDYARCS QAPGCGELLF DTDWLSLQIR KTGAQTATDF PHAIRIWYKT KPEGRSVTWT SDQSGRPCVY TVGSPINNRA LFPCQEPVVA MSTWQATVRA AASFVLMMSG ENSAKPTQLW EECSSWYVV TMPMPASTFT IAVGCWTEMK METWSSNDLA TERPFSPSEA NFRHVGVC SH MEYPCRFQNA SATTQEIPH RVFAPVCLTG ACQETLLRLI PPCLSAHSV LGAHPF SRLD VLIVPANFPS LGMASPHIMF LSQSILTTGGN HLCGTRLCHE IAHAWFGLAI GARDWTEEWL SEGFATHLED VFWATAQQLA PYEAREQQL RACLRWRRLQ DEMQCSPEEM QVLRPSKDKT GHTSDSGASV IKHGLNPEKI FMQVHYLKG Y FLLRFLAKRL GDETYFSFLR KVVHTFHGQL ILSQDFLQML LENIPEEKRL ELSVENIYQD WLESSGIPKP LQRERRAGAE CGLARQVRAE VTKWIGVNRR PRKRKRREKE EVFEKLLPDQ LVLLLEHLLLE

Product Details

QKTLSPRTLQ SLQRTYHLQD QDAEVRHRWC ELIVKHKFTK AYKSVERFLQ EDQAMGVVLY
GELMVSEDAR QQQLARRCFE RTKEQMDRSS AQVVAEMLF **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: C9orf3

Alternative Name: AOPEP ([C9orf3 Products](#))

Background: Aminopeptidase O (AP-O) (EC 3.4.11.-),FUNCTION: Aminopeptidase which catalyzes the hydrolysis of amino acid residues from the N-terminus of peptide or protein substrates. {ECO:0000250|UniProtKB:P15144}.

Molecular Weight: 93.6 kDa

UniProt: [Q8N6M6](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
