

Datasheet for ABIN7546575
C9orf78 Protein (AA 1-289) (His tag)



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Overview

Quantity:	1 mg
Target:	C9orf78 (C9orf98)
Protein Characteristics:	AA 1-289
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C9orf78 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant C9orf78 Protein expressed in mammalian cells.
Sequence:	MPVVRKIFRR RRGDSESEED EQDSEEVRLK LEETREVQNL RKRPNQVSAV ALLVGEKVQE ETTLVDDPFQ MKTGGMVDMK KLKERGKDKI SEEDLHLGT SFSAETNRRD EDADMMKYIE TELKRRKGIV EHQQKVKPK NAEDCLYELP ENIRVSSAKK TEEMLSNQML SGPEVDLGI DAKIKNIIST EDAKARLLAE QQNKKKDSSET SFVPTNMAVN YVQHNRFYHE ELNAPIRRNK EEPKARPLRV GDTEKPEPER SPPNRKR PAN EKATDDYHYE KFKKMNRRY 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:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	C9orf78 (C9orf98)
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Alternative Name:	C9orf78 (C9orf98 Products)
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Background:	Splicing factor C9orf78 (Hepatocellular carcinoma-associated antigen 59),FUNCTION: Plays a role in pre-mRNA splicing by promoting usage of the upstream 3'-splice site at alternative NAGNAG splice sites, these are sites featuring alternative acceptor motifs separated by only a few nucleotides (PubMed:35241646). May also modulate exon inclusion events (PubMed:35241646). Plays a role in spliceosomal remodeling by displacing WBP4 from SNRNP200 and may act to inhibit SNRNP200 helicase activity (PubMed:35241646). Binds U5 snRNA (PubMed:35241646). Required for proper chromosome segregation (PubMed:35167828). Not required for splicing of shelterin components (PubMed:35167828). {ECO:0000269 PubMed:35167828, ECO:0000269 PubMed:35241646}.
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Molecular Weight:	33.7 kDa
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UniProt:	Q9NZ63
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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
