

Datasheet for ABIN7548845
C19orf50 Protein (AA 1-176) (His tag)



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Overview

Quantity:	1 mg
Target:	C19orf50
Protein Characteristics:	AA 1-176
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C19orf50 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KXD1 Protein expressed in mammalian cells.
Sequence:	MDLPDSASRV FCGRILSMVN TDDVNAIILA QKNMLDRFEK TNEMLLNFNN LSSARLQQMS ERFLHHRTL VEMKRDLDSI FRRIRTLKGG LARQHPEAFS HIPEASFLEE EDEDPIPPST TTTIATSEQS TGSCDTPDVT VSPSLSPGFE DLSHVQPGSP AINGRSQTDD EEMTGE 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: <ul style="list-style-type: none">• 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

Product Details

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:	C19orf50
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Alternative Name:	KXD1 (C19orf50 Products)
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Background:	KxDL motif-containing protein 1,FUNCTION: As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor (PubMed:25898167). May be involved in the biogenesis of lysosome-related organelles such as melanosomes (By similarity). {ECO:0000250 UniProtKB:Q80XH1, ECO:0000269 PubMed:25898167}.
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Molecular Weight:	19.7 kDa
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UniProt:	Q9BQD3
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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.
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Restrictions:	For Research Use only
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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