

Datasheet for ABIN7559798
NXNL1 Protein (AA 1-217) (His tag)



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Overview

Quantity:	1 mg
Target:	NXNL1
Protein Characteristics:	AA 1-217
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NXNL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nxn1 Protein expressed in mammalian cells.
Sequence:	MASLFSGRIL IRNNSDQDEV ETEAELSRRL ENRLVLLFFG AGACPQCQAF APVLKDFVRL LTDEFYVLR AQLALVYVSQ DPTEEQQLF LRDMPEKWLF LPFHDELRRD LGRQFSVRQL PAVVVLKPGG DVLTSDATEE IQLGPACFA NWQEAAELLD RSFLQPEDLD EPARRSITEP LRRRKYRVDR DVGRERGRNG RDSGDPQGDA GTRAEWL 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.

Product Details

- 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:	NXNL1
Alternative Name:	Nxn1 (NXNL1 Products)
Background:	Nucleoredoxin-like protein 1 (Rod-derived cone viability factor) (RdCVF) (Thioredoxin-like protein 6),FUNCTION: Plays an important role in retinal cone photoreceptor survival (PubMed:25957687). In association with glucose transporter SLC16A1/GLUT1 and BSG, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors (PubMed:25957687). May play a role in cone cell viability, slowing down cone degeneration, does not seem to play a role in degenerating rods (PubMed:15220920). {ECO:0000269 PubMed:15220920, ECO:0000269 PubMed:25957687}.
Molecular Weight:	24.9 kDa
UniProt:	Q8VC33

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