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Datasheet for ABIN7556937

Nebulette Protein (NEBL) (AA 1-452) (His tag)

Overview

Quantity:	1 mg
Target:	Nebulette (NEBL)
Protein Characteristics:	AA 1-452
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nebulette protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nebl Protein expressed in mammalien cells.
Sequence:	MKVPVSGDVK EETEEENVEQ EENQEAKVSL KPVIEDLSME LARKCTELIS DIHYKEEYKK SKDKCTFVTD TPMLNHVKNI GAFISEAKYK GTIKADLSNC LYKDMPATID SVFAREVSQ QSEVAYKQKH EAEKGFSDYT HMKEPPEVRR AMEVNRHQSN ISYRKDMQGT HTYTAELDRP DIKKATQISK IISDAEYKKG QGIVNKEPSV IGRPDFEHAV GASKLSSQVK YKEKFDNEMK EKSHHYNPLG SAFFRQHQFA AVLASDWEYK RDFEENKGLY HFDAEAP EHL HHKGNATLQS QVKYREEYEK NKGKSMLEFV ETPSYQSSKE AQKMQSEKVY KEDFEKEIKG RSSLDLDKTP AFLHVKHITN LMREKEYKLD LENEIKGKGM ELSSEVLDIQ RAKRASEMAS EKDYKRDLET EIKGKGMQVS TDTLDVQRAK RASEMASQVR MV 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.

Product Details

Characteristics:	<p>Key Benefits:</p> <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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis).
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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, Western Blot
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Grade:	custom-made
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Target Details

Target:	Nebulette (NEBL)
Alternative Name:	Nebl (NEBL Products)
Background:	Nebulette (Actin-binding Z-disk protein),FUNCTION: Binds to actin and plays an important role in the assembly of the Z-disk. May functionally link sarcomeric actin to the desmin intermediate filaments in the heart muscle sarcomeres. Isoform 2 might play a role in the assembly of focal adhesion (By similarity). {ECO:0000250 UniProtKB:O76041}.
Molecular Weight:	52.2 kDa
UniProt:	Q0I104

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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