

Datasheet for ABIN7554680

**Nebulette Protein (NEBL) (AA 1-1014) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Nebulette (NEBL)
Protein Characteristics:	AA 1-1014
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nebulette protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NEBL Protein expressed in mammalian cells.
Sequence:	MRVPVFEDIK DETEEEEKIGE EENEEDQVFY KPVIEDLSME LARKCTELIS DIRYKEEFKK SKDKCTFVTD SPMLNHVKNI GAFISEAKYK GTIKADLSNS LYKRMPATID SVFAGEVTQL QSEVAYKQKH DAAKGFSDYA HMKEPPEVKH AMEVNKHQSN ISYRKDVQDT HTYSAELDRP DIKMATQISK IISNAEYKKG QGIMNKEPAV IGRPDFEHAV EASKLSSQIK YKEKFDNEMK DKKHHYNPLE SASFRQNQLA ATLASNVKYK KDIQNMHDPV SDLPNLLFLD HVLKASKMLS GREYKCLFEE NKGMYHFDAD AVEHLHHKGN AVLQSQVKYK EEEYKKNKGP MLEFVETPSY QASKEAQKMQ SEKVYKEDFE KEIKGRSSLD LDKTPEFLHV KYITNLLREK EYKCDLENEI KGGKMELNSE VLDIQRAKRA SEMASEKEYK KDLESIIKGG GMQAGTDTLE MQHAKKAAEI ASEKDYKRDLETEIKGKGMQ VSTDTLDVQR AKKASEMASQ KQYKCDLENE IKGKGMQVSM DIPDILRAKR TSEIYSQRKY KDEAEKMLSN YSTIADTPEI QRIKTTQQNI SAVFYKKEVG AGTAVKDSPE IERVKKNQQN ISSVKYKEEI KHATAISDPP ELKRVKENQK NISNLQYKEQ NYKATPVSMTP EIERVRRNQ EQLSAVKYKGG ELQRGTAISD PPELKRANKEN QKNISNVYYR

## Product Details

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QQLGRATTLS VTPEMERVKK NQENISSVKY TQDHKQMKGR PSLILDTPAM RHVKEAQNHI  
SMVKYHEDFE KTKGRGFTPV VDDPVTERVR KNTQVVSDAA YKGVHPHIVE MDRRPGIIVD  
LKVWRTPDGS IFDLDPLEDN IQSRSLHMLS EKASHYRRHW SRSHSSSTFG TGLGDDRSEI  
SEIYPSFSCC SEVTRPSDEG APVLPGAYQQ SHSQGYGYMH QTSVSSMRSM QHSPNLRTYR  
AMYDYSAQDE DEVSFRDGDY IVNVQPIDDG WMYGTVQRTG RTGMLPANYI EFNV **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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target: Nebulette (NEBL)

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Alternative Name: NEBL ([NEBL Products](#))

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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 (PubMed:27733623). Isoform 2 might play a role in

## Target Details

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the assembly of focal adhesion (PubMed:15004028). {ECO:0000269|PubMed:15004028, ECO:0000269|PubMed:27733623}.

Molecular Weight: 116.5 kDa

UniProt: [O76041](#)

## Application Details

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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

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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