

Datasheet for ABIN7554720
C17ORF85 Protein (AA 1-620) (His tag)



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Overview

Quantity:	1 mg
Target:	C17ORF85
Protein Characteristics:	AA 1-620
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C17ORF85 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NCBP3 Protein expressed in mammalian cells.
Sequence:	MAAVRGLRVS VKAEAPAGPA LGLPSPEAES GVDRGEPEPM EVEEGELEIV PVRRSLKELI PDTSTRRYENK AGSFITGIDV TSKEAIEKKE QRAKRFHFERS EVNLAQRNVA LDRDMMKKAI PKVRLETIYI CGVDEMSTQD VFSYFKEYPP AHIEWLDDTS CNVVWLDEMT ATRALINMSS LPAQDKIRSR DASEDKSAEK RKKDKQEDSS DDDEAEEGEV EDENSSDVEL DTLSQVEEES LLRNDLRPAN KLAGNRLFM RFATKDDKKE LGAARRSQYY MKYGNPNYGG MKGILSNNSWK RRYHSRRIQR DVIKKRALIG DDVGLTSYKH RHSGLVNVPE EPIEEEEEEEE EEEEEEEEEED QDMDADDRVV VEYHEELPAL KQPRERSASR RSSASSSDSD EMDYDLELKM ISTPSPKKSM KMTMYADEVE SQLKNIRNSM RADSVSSNI KNRIGNKLPP EKFAVDRHLL DEKRQHSRPR PPVSSTKSDI RQLGKRPHS PEKAFSSNPV VRREPSSDVH SRLGVPRQDS KGLYADTREK KSGNLWTRLG SAPKTEKNT KKVDHRAPGA EEDDSELQRA WGALIKEKEQ SRQKKSRLDN LPSLQIEVSR ESSSGSEAES Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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:**

- 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)

Grade: custom-made

Target Details

Target: C17ORF85

Alternative Name: NCBP3 ([C17ORF85 Products](#))

Background: Nuclear cap-binding protein subunit 3 (Protein ELG),FUNCTION: Associates with NCBP1/CBP80 to form an alternative cap-binding complex (CBC) which plays a key role in mRNA export. NCBP3 serves as adapter protein linking the capped RNAs (m7GpppG-capped RNA) to NCBP1/CBP80. Unlike the conventional CBC with NCBP2 which binds both small nuclear RNA (snRNA) and messenger (mRNA) and is involved in their export from the nucleus, the alternative CBC with NCBP3 does not bind snRNA and associates only with mRNA thereby playing a role in only mRNA export. The alternative CBC is particularly important in cellular stress situations such as virus infections and the NCBP3 activity is critical to inhibit virus growth (PubMed:26382858). {ECO:0000269|PubMed:26382858}.

Target Details

Molecular Weight: 70.6 kDa

UniProt: [Q53F19](#)

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