

## Product datasheet for TP312022M

### C17orf85 (NCBP3) (NM\_018553) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 17 open reading frame 85 (C17orf85), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212022 representing NM_018553 Red=Cloning site Green=Tags(s)

MKYGNPNYGGMKGILSNWKRYYHSRRIQRDVIKKRALIGDDVGLTSYKHRHSGLVNVPEEPIEEEEEE  
EEEEEEEEEDQMDADDRVVEYHEELPALKQPRERSASRRSSASSSDSEMDYDLELKMISTPSPKKS  
KMTMYADEVESQLKNIRNSMRADSVSSSNIKNRIGNKLPPEKFADVRHLLDEKRQHSRPRPPVSSTKSDI  
RQRLGKRPHSPEKAFSSNPVVRREPSSDVHSRLGVPRQDSKGLYADTREKKSGLWTRLGSA PKTKEKNT  
KKVDHRAPGAEEDDSELQRAWGALIKEKEQSRQKKSRLDNLPSLQIEVRESSSGSEAES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	38.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_061023</a>
Locus ID:	55421



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UniProt ID: [Q53F19](#)

RefSeq Size: 2709

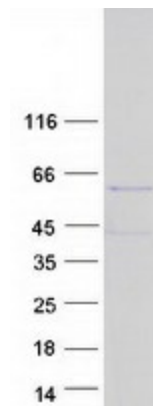
Cytogenetics: 17p13.2

RefSeq ORF: 1020

Synonyms: ELG; HSA277841

**Summary:** 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).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified C17orf85 protein (Cat# [TP312022]). The protein was produced from HEK293T cells transfected with C17orf85 cDNA clone (Cat# [RC212022]) using MegaTran 2.0 (Cat# [TT210002]).