

## Product datasheet for **TP311100L**

### NECAP1 (NM\_015509) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NECAP endocytosis associated 1 (NECAP1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211100 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MATELEYESVLCVKPDVSVYRIPPRASNRGYRASDWKLDQPDWTGRLRITSKGKTAYIKLEDKVSGELFA  
QAPVEQYPGIAVETVTDSSRYFVIRIQDGTGRSAFIGIGFTDRGDAFDNFVSLQDHFKWVKQSEISKES  
QEMDARPKLDLGFKEGQTIKLCIGNITNKKGGASKPRTARGGGLSLLPPPPGGKVTIPPPSSSVASNHV  
TPPPIKSNHGGSDADILLDLDSPAPVTTAPTPVSVSNDLWGDFSTASSSVPNQAPQPSNWWQF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	29.6 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:	<u><a href="#">NP_056324</a></u>
Locus ID:	25977



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UniProt ID: Q8NC96

RefSeq Size: 2600

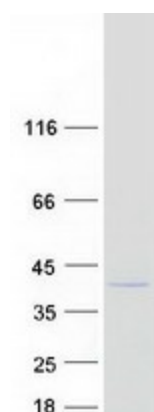
Cytogenetics: 12p13.31

RefSeq ORF: 825

Synonyms: DEE21; EIEE21

**Summary:** This gene encodes a protein containing two characteristic WXXF motifs. The encoded protein localizes to clathrin-coated vesicles, where it binds components of the adapter protein complexes and aids in endocytosis. Loss of function of this gene results in early infantile epileptic encephalopathy-21. There is a pseudogene for this gene on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

## Product images:



Coomassie blue staining of purified NECAP1 protein (Cat# [TP311100]). The protein was produced from HEK293T cells transfected with NECAP1 cDNA clone (Cat# [RC211100]) using MegaTran 2.0 (Cat# [TT210002]).