

Product datasheet for **TP308242M**

Neuronal calcium binding protein (NECAB3) (NM_031231) Human Recombinant Protein

Product data:

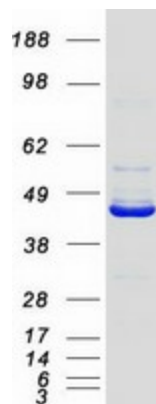
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-terminal EF-hand calcium binding protein 3 (NECAB3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208242 protein sequence Red =Cloning site Green =Tags(s)
	<p>MACAGLLTVCLLRPPAPQPQPQTPRHPQLAPDPGPAGHTLFQDVFRADKNDDGKLSFEFQNYFADG VL SLGELQELFSGIDGHLTDNLETEKLCDFSEHLGVYRPVLAALSLNRAVLAAMDATKLEYERASKVDQF VTRFLLRETVSQQLALQSSLEGASDTLEAQAHGWRSDAESVEAQSRLCGSRRRAGRRALRSVRSSTWSPG SSDTGRSSEAEMQWRLQVNRLQELIDQLECKAPRLEPLREEDLAKGPDHLILMAQRQVQVAEEGLQDFH R ALRCYVDFTGAQSHCLHVSQAQKMLDGASFTLYEFWQDEASWRRHQQSPGSKAFQRILIDHLRAPDTLTTV FFPASWWIMNNN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	40.6 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.



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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:	NP_112508
Locus ID:	63941
UniProt ID:	Q96P71
RefSeq Size:	1961
Cytogenetics:	20q11.22
RefSeq ORF:	1086
Synonyms:	APBA2BP; dj63M2.4; dj63M2.5; EFCBP3; NIP1; STIP3; SYTIP2; XB51
Summary:	The protein encoded by this gene interacts with the amino-terminal domain of the neuron-specific X11-like protein (X11L), inhibits the association of X11L with amyloid precursor protein through a non-competitive mechanism, and abolishes the suppression of beta-amyloid production by X11L. This protein, together with X11L, may play an important role in the regulatory system of amyloid precursor protein metabolism and beta-amyloid generation. The protein is phosphorylated by NIMA-related expressed kinase 2, and localizes to the Golgi apparatus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified NECAB3 protein (Cat# [TP308242]). The protein was produced from HEK293T cells transfected with NECAB3 cDNA clone (Cat# [RC208242]) using MegaTran 2.0 (Cat# [TT210002]).