

Product datasheet for PH308242

Neuronal calcium binding protein (NECAB3) (NM_031231) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NECAB3 MS Standard C13 and N15-labeled recombinant protein (NP_112508)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208242
Predicted MW:	40.8 kDa
Protein Sequence:	>RC208242 protein sequence Red=Cloning site Green=Tags(s) MACAGLLTVCLLRPPAPQPQPQTPRHPQLAPDPGPAGHTLFQDVFRRADKNDGKLSFEEFQNYFADGVL SLGELQELFSGIDGHLTDNLETEKLCDYFSEHLGYRPLVLAALSLNRAVLAAMDATKLEYERASKVDQF VTRFLLRETVSQALQALQSSLEGASDTLEAQAHGWRSDAESVEAQSRLCGSRRAGRRALRSVSRSTWSPG SSDTGRSSEAEMQWRLQVNRQLQELIDQLECKAPRLEPLREEDLAKGPDHLILMAQRQVQVAEEGLQDFHR ALRCYVDFGTGAQSHCLHVSQAQMLDGASFITYEFWQDEASWRRHQSPGSKAFQRILIDHLRAPDTLTTV FFPASWWIMNNN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_112508</u>
RefSeq Size:	1961
RefSeq ORF:	1086
Synonyms:	APBA2BP; dj63M2.4; dj63M2.5; EFCBP3; NIP1; STIP3; SYTIP2; XB51
Locus ID:	63941



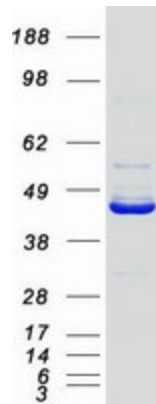
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UniProt ID: [Q96P71](#)

Cytogenetics: 20q11.22

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]).