

Product datasheet for TP524122

Necab2 (NM_054095) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-terminal EF-hand calcium binding protein 2 (Necab2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224122 representing NM_054095 Red =Cloning site Green =Tags(s)
	<p>MCERAARLCRAGAHRLREPPPPQGRALGGLLRWVGARMGEPRAPLVPDIPSADPGPGPAASRGGTAVILD IFRRADKNDDGKLSLEEFQLFFADGVLNEKELEGLFHTIDSDNTNHVDTKELCDYFVEHMGDYEDVLASL ETLNHSVLKAMGYTKKVEGGSNVDQFVTRFLLKETANQIQSLLSSVESAVEAIEEQTSQIRQDHCKPSH AVNESRYGGPTPPYIPNHKLVPEPMKSLPVATGEPKEDGLEGQISRLAELIGRLESKTLSDFLQQLSD EEGTNMHLQLVRQEMAVCPEQLSEFLDSLROQLRSTAEERNCFHVAAVRMADGLTFVIYEFWETEEEWKR HLQSPVCKAFRHVKVDTLSQPEALSQISVPAAWCTSGRD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	43.9 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
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 after receiving vials.
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_473436
Locus ID:	117148
UniProt ID:	Q91ZP9



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RefSeq Size: 1971

Cytogenetics: 8 E1

RefSeq ORF: 1167

Synonyms: Efcbp2

Summary: May act as a signaling scaffold protein that senses intracellular calcium. Can modulate ligand-induced internalization of ADORA2A and coupling efficiency of mGluR5/GRM5; for both receptors may regulate signaling activity such as promoting MAPK1/3 (ERK1/2) activation. [UniProtKB/Swiss-Prot Function]