

Product datasheet for TP504503

Calu (NM_007594) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calumenin (Calu), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204503 representing NM_007594 Red =Cloning site Green =Tags(s)
	MDLRQFLMCLSLCTAFALSKPTEKKDRVHHEPQLSDKVHNDANFDYDHDFAFLGAEAAKSFQDQLTPEESK ERLGKIVSKIDDDKDGFTVDELKGWIKFAQKRWIHEDVERQWKGHDLNEDGLVSWEEYKNATYGYVLD PDPDDGFNYKQMMVRDERRFKMADKDGDIATKEEFTAFLHPEEYDYMKDIVVQETMEDIDKNADGFIDL EEYIGDMYSHDGNADPEWVKTEREQFVEFRDKNRDGKMDKEETKDWILPSDYDHAAEARHLVYESDQN KDGKLTKEEIVDKYDLFVGSQATDFGEALVRHDEF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.5 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_031620
Locus ID:	12321
UniProt ID:	O35887 , Q3TUF3 , Q3TQD1 , Q3UG11



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RefSeq Size: 3216

Cytogenetics: 6 A3.3

RefSeq ORF: 945

Synonyms: 9530075H20Rik

Summary: Involved in regulation of vitamin K-dependent carboxylation of multiple N-terminal glutamate residues. Seems to inhibit gamma-carboxylase GGCX. Binds 7 calcium ions with a low affinity (By similarity).[UniProtKB/Swiss-Prot Function]