

Product datasheet for TP501510

Reep6 (BC029741) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse receptor accessory protein 6 (cDNA clone MGC:25862 IMAGE:4195889), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201510 protein sequence Red =Cloning site Green =Tags(s)
	MDGLRQRFERFLEQKNVATEALGALEARTGVEKRYLAAGALALLGLYLLFGYGASLLCNVIGFVYPAYAS VKAIESPSKEDDTVWLTYWVYALFGLVEFFSLLLLFWFPFYAGKCAFLFCMTPGPWNGALLLYHRVI RPLFLKHHMALDSAASQLSGRALDLAAGITRDAK
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	19.4 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.
Locus ID:	70335
UniProt ID:	Q9JM62
RefSeq Size:	1949
Cytogenetics:	10 C1



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RefSeq ORF: 522

Synonyms: 0610011M24Rik; Dp111

Summary: Required for correct function and survival of retinal photoreceptors (PubMed:24098485, PubMed:24691551, PubMed:28475715). Required for retinal development (PubMed:28369466). In rod photoreceptors, facilitates stability and/or trafficking of guanylate cyclases and is required to maintain endoplasmic reticulum and mitochondrial homeostasis (PubMed:28475715). May play a role in clathrin-coated intracellular vesicle trafficking of proteins from the endoplasmic reticulum to the retinal rod plasma membrane (PubMed:24098485, PubMed:28369466).[UniProtKB/Swiss-Prot Function]