

Recombinant Mouse Reep6 Protein, Myc/DDK-tagged

Cat. No. Reep6-5454M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length receptor accessory protein 6 (cDNA clone MGC:25862 IMAGE:4195889), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for correct function and survival of retinal photoreceptors. Required for retinal development. In rod photoreceptors, facilitates stability and/or trafficking of guanylate cyclases and is required to maintain endoplasmic reticulum and mitochondrial homeostasis. May play a role in clathrin-coated intracellular vesicle trafficking of proteins from the endoplasmic reticulum to the retinal rod plasma membrane.
Molecular Mass	19.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Reep6 receptor accessory protein 6 [Mus musculus (house mouse)]
Official Symbol	Reep6
Synonyms	Reep6; receptor accessory protein 6; Dp1; Dp1l1; 0610011M24Rik; receptor expression-enhancing protein 6; TB2 protein-like 1; deleted in polyposis 1-like 1; polyposis locus protein 1-like 1
Gene ID	70335
mRNA Refseq	NM_139292
Protein Refseq	NP_647453
UniProt ID	Q9JM62

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