

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; Dp111; 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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