

Recombinant Mouse Sestd1 Protein, Myc/DDK-tagged

Cat. No. Sestd1-5796M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SEC14 and spectrin domains 1 (Sestd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May act as the primary docking protein directing membrane turnover and assembly of the transient receptor potential channels TRPC4 and TRPC5. Binds phospholipids such as phosphatidylinositol monophosphates, phosphatidylinositol diphosphates (PIP2s) and phosphatidic acid, but not less polar lipids including phosphatidylcholine, phosphatidylserine, and phosphatidylinositol. The binding to PIP2s is calcium dependent. Might be involved in the plasma membrane localization of CTNNB1.
Molecular Mass	79.4 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

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

GENE INFORMATION

Gene Name [Sestd1 SEC14 and spectrin domains 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Sestd1](#)

Synonyms SESTD1; SEC14 and spectrin domains 1; SEC14 domain and spectrin repeat-containing protein 1; huntingtin-interacting protein-like protein; A930010O20; Solo/Trio8; 1500031J16Rik; MGC51459

Gene ID [228071](#)

mRNA Refseq [NM_175465](#)

Protein Refseq [NP_780674](#)

UniProt ID [Q80UK0](#)

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