

Recombinant Human SESTD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SESTD1-4676H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SESTD1 MS Standard C13 and N15-labeled recombinant protein (NP_835224) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	79.3 kDa
AA Sequence	MEASVILPILKKKLAFLSGGKDRRSGLILTIPLCLEQTNMDELSVTLDFLLSIPSEKCKA RGFTVIVDGRKSQWNVVKTVVVMLQNVPVPAEVSLVCVVKPDEFWDKKVTHFCFWK EKDRLGFEVILVSANKLTRYIEPCQLTEDFGGSLTYDHMDWLNKRLVFEKFTKESTSL LDELALINNGSDKGNQQEKERSVDLNLPSVDPETVLQTGHELLSELQQRFFNGSD GGVSWSPMDDELLAQPVVMKLLDSLREQYTRYQEVCRQRSKRTQLEEIQQKVMQV VNWLEGPQSEQLRAQWGIGDSIRASQALQQKHEEIESQHSEWFAVYVELNQQIAAL LNAGDEEDLVELKSLQQQLSDVCYRQASQLEFRQNLLQAALFHHGVAQDLSQQLD

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GLLGMLCVDVAPADGASIQQTLKLLKLSVDVGLQGLREKGQGLLDQISNQASW
 AYGKDVTIENKENVDHIQGVMEQMQLRKQRCEDMVDVRRLLKMLQMVQLFKCEEDA
 AQAVEWLSELLDALLKTHIRLGDDAQETKVLEKHKFVDVAQSTYDYGRQLLQATV
 VLCQSLRCTSRSSGDTLPRLNRVWKQFTIASEERVHRLEMAIAFHSNAEKILQDCPE
 EPEAINDEEQFDEIEAVGKSLLDRLTVPVVYPDGTEQYFGSPSDMASTAENIRDRMK
 LVNLKRQQLRHPEMVTTESTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SESTD1 SEC14 and spectrin domains 1 [Homo sapiens (human)]

Official Symbol SESTD1

Synonyms SESTD1; SEC14 and spectrin domains 1; SEC14 domain and spectrin repeat-containing protein 1; DKFZp434O0515; Solo; protein Solo; huntingtin-interacting protein-like protein; SOLO;

Gene ID 91404

mRNA Refseq NM_178123

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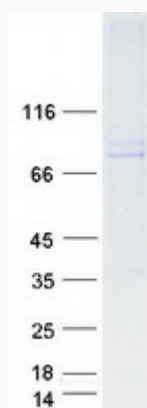
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Protein Refseq NP_835224

UniProt ID Q86VW0

SDS-PAGE



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