

Recombinant Human SESTD1 protein, His-tagged

Cat. No. SESTD1-92H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SESTD1, fused with N-His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	240aa(including fusion tag)
Description	May act as the primary docking protein directing membrane turn over 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.
Form	20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0.
Molecular Mass	28kDa(including fusion tag)
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80centigrade and avoid repeated freeze-thaw cycles

GENE INFORMATION

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Gene Name	SESTD1 SEC14 and spectrin domains 1 [Homo sapiens]
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
Protein Refseq	NP_835224
MIM	
UniProt ID	Q86VW0
Chromosome Location	2q31.3
Function	NOT 1-phosphatidylinositol binding; phosphatidic acid binding; NOT phosphatidylcholine binding; phosphatidylinositol-3,4-bisphosphate binding; phosphatidylinositol-3,5-bisphosphate binding; phosphatidylinositol-3-phosphate binding; phosphatidylinositol-4,5-bisphosphate binding; phosphatidylinositol-4-phosphate binding; phosphatidylinositol-5-phosphate binding; NOT phosphatidylserine binding; protein binding;