

Recombinant Human SESTD1 protein, His-tagged

Cat. No. SESTD1-4644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SESTD1 protein(348-696 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	348-696 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	DLVELKSLQQQLSDVCYRQASQLEFRQNLLQAALFHHGVAQDLSQQLDGLLGMLCV DVAPADGASIQQTLKLLEEKLSVDVGLQGLREKGQGLLDQISNQASWAYGKDVITIE NKENVDHIQGV MEDMQLRKQRCEDMVDVRRKMLQMVQLFKCEEDAAQAVEWLS ELLDALLKTHIRLGDDAQETKVLLKHKRFVDVAQSTYDYGRQLLQATVVLCSLRRC TSRSSGDTLPRLNRVWKQFTIASEERVHRLEMAIAFHSAEKILQDCPEEPEAINDEE QFDEIEAVGKSLDLRLTVPVVYPDGTEQYFGSPSDMASTAEINIRDRMKLVNLKRQQQL RHPEMVTTES
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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

UniProt ID Q86VW0

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SDS-PAGE

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