

Datasheet for ABIN7564259
SESTD1 Protein (AA 1-696) (His tag)



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Overview

Quantity:	1 mg
Target:	SESTD1
Protein Characteristics:	AA 1-696
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SESTD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sestd1 Protein expressed in mammalian cells.
Sequence:	MEASVILPIL KKKLAFLSGG KDRRSLILT IPLCLEQTSMD ELSVTLDYLSIPSEKCKA RGFTVIVDGR KSQWNVVKTV VLMLQNVVPA EVSLVCVVKP DEFWDKKVTH FCFWKEKDRL GFEVILVSAN KLTRYIEPCQ LTEDFGGSLT YDHMDWLNKR LVFEKFTKES TSLDELALI NNGSDKGNEQ EKERSVDLNF LPSVDPETVL QTGHELLSEL QRRFNGSDG GVSWSMDDE LLAQPQVMKL LDSLREQYTR YQEVCRQRSK RTQLEEQK VMQVNWLEG PGSEQLRAQW GIGDSIRASQ ALQKHEEIE SQHSEWFAVY VELNQQIAAL LNAEDEEDLV ELKSLQQQLS DVCYRQASQL EFRQNLLQAA LEFHGVAQDL SQQLDGLLGM LCVDVAPADG ASIQQLKLL EEKLSVDVG LQGLREKGG LLDQISNQAS WAYGKDVITIE NKENVDHQIG VMEDMQLRQK RCEDMVDVRR LKMLQMVQLF KCEEDASQAV EWLSELLDAL LKTHIRLGDD AQETKVLLEK HRKFVDVAQS TYDYGRQLLQ ATVVLQSLR CTSRSSGDTL PRLNRVWKQF TVASEERVHR LEMAIAFHSN AEKILQDCPE EPEAMNDEEQ FEEIEAIGKS LLDRLTIPVV YPDGTEQYFG SPSDMASTAE HIRDRMKLVS LKRQQLRHPE LVTTES Sequence without tag. The proposed

Product Details

Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SESTD1

Alternative Name: Sestd1 ([SESTD1 Products](#))

Background: SEC14 domain and spectrin repeat-containing protein 1 (Huntingtin-interacting protein-like protein),FUNCTION: 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 (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 79.4 kDa

UniProt: [Q80UK0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months