

[Go to Product page](#)

Datasheet for ABIN7317713 MESDC2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	MESDC2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MESDC2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MESDC2/MESD Protein (His Tag)
Sequence:	Ala 34-Lys 230
Characteristics:	A DNA sequence encoding the human MESDC2 (NP_055969.1) (Ala 34-Lys 230) was fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	MESDC2
Alternative Name:	MESDC2/MESD (MESDC2 Products)
Background:	Background: LDLR chaperone MESD, also known as Mesoderm development protein, Mesoderm development candidate 2, Renal carcinoma antigen NY-REN-61 and MESDC2, is a member of the MESD family. MESDC2 is a chaperone specifically assisting the folding of beta-

Target Details

propeller/EGF modules within the family of low-density lipoprotein receptors (LDLRs). The LDLR maturation activity resides in the N- and C-terminal unstructured regions. MESDC2 acts as a modulator of the Wnt pathway, since some LDLRs are coreceptors for the canonical Wnt pathway. MESDC2 is essential for specification of embryonic polarity and mesoderm induction. Synonym: BOCA,MESD

Molecular Weight: 23.6 kDa

NCBI Accession: [NP_055969](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.