

# Recombinant Human MESDC2 protein, GST-tagged

**Cat. No.** MESDC2-35H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MESDC2 protein(1-234 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-234 aa                                                                                                                                                                                                                                          |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                             |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.           |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                          |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.<br>After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term    |

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storage.

#### AA Sequence

MAASRWARKAVVLLCASDLLLLLLLLPPPGSCAAEGSPGTPDESTPPPRKKKKDIRD  
YNDADMARLLEQWEKDDDDIEEGDLPEHKRPSAPVDFSKIDPSKPEILKMTKKGKTL  
MMFVTVSGSPTEKETEEITSLWQGSLFNANYDVQRFIVGSDRAIFMLRDGSYAWIEK  
DFLVGQDRCADVTLEGQVYPGKGGGSKEKNKTKQDKGKKKKEGDLKSRSSKEENR  
AGNKREDL

### GENE INFORMATION

#### Gene Name

MESDC2 mesoderm development candidate 2 [ Homo sapiens ]

#### Official Symbol

MESDC2

#### Synonyms

MESDC2; mesoderm development candidate 2; LDLR chaperone MESD; BOCA;  
KIAA0081; MESD; mesoderm development protein; renal carcinoma antigen NY-  
REN-61;

#### Gene ID

23184

#### mRNA Refseq

NM\_015154

#### Protein Refseq

NP\_055969

#### MIM

607783

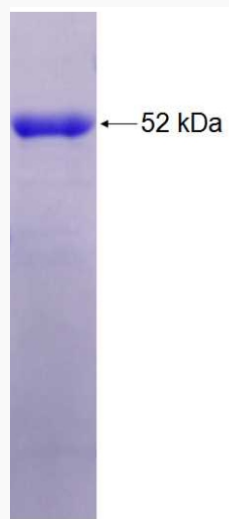
#### UniProt ID

Q14696

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**SDS-PAGE**

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