

**Recombinant Human MESDC2 / MESD Protein (His tag)**

**Cat.NO.: TP07676**

3th Edition

**Synonyms:**BOCA;MESD

**Description:**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-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.

**Form:**PBS

**Molecular Weight:**23.6 kDa

**Sequences:**Ala 34-Lys 230

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.