

## 32-4201: Recombinant Human Mesoderm Development Candidate 2

**Alternative Name** : LDLR chaperone MESD, Mesoderm development candidate 2, Mesoderm development protein, Renal carcinoma antigen NY-REN-61, MESDC2, KIAA0081, MESD, BOCA.

### Description

Source : Escherichia Coli. MESDC2 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 222 amino acids (34-234 a.a.) and having a molecular mass of 24.9kDa (Molecular weight on SDS-PAGE will appear higher). The MESDC2 is purified by proprietary chromatographic techniques. Mesoderm development candidate 2 (MESDC2) is required for formation of the primitive streak and mesoderm during embryogenesis. MESDC2 binds to the Wnt co-receptors LRP5 and LRP6 in the endoplasmic reticulum and is required for their proper folding and cell surface expression.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The MESDC2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MAEGSPGTPD ESTPPRKKK KDIRDYNDAD MARLLEQWEK DDDIEEGDLP EHKRPSAPVD FSKIDPSKPE SILKMTKKGK TLMMFVTVSG SPTEKETEEI TSLWQGSFLN ANYDVQRFIV GSDRAIFMLR DGSYAWEIKD FLVGQDRCAD VTLEGQVYPG KGGGSKEKNK TKQDKGKKKK EGDLSRSSK EENRAGNKRE DL.

