

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

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The MESDC2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MAEGSPGTPD ESTPPPRKKK KDIRDYNDAD MARLLEQWEK
DDDIEEGDLP EHKRPSAPVD FSKIDPSKPE SILKMTKKGK TLMFVTVSG SPTEKETEEI
TSLWQGS LFN ANYDVQRFIV GSDRAIFMLR DGSYAWWEIKD FLVGQDRCAD VTLEGQVYYPG
KGGGSKEKNK TKQDKGKKKK EGD LKSRSSK EENRAGNKRE DL.

