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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 SSGLVPRGSH MAEGSPGTPD ESTPPPRKKK KDIRDYNDAD MARLLEQWEK DDDIEEGDLP EHKRPSAPVD FSKIDPSKPE SILKMTKKGK TLMMFVTVSG SPTEKETEEI TSLWQGSLFN ANYDVQRFIV GSDRAIFMLR DGSYAWEIKD FLVGQDRCAD VTLEGQVYPG KGGGSKEKNK TKQDKGKKKK EGDLKSRSSK EENRAGNKRE DL.

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