

## Mesoderm Development Candidate 2 Human Recombinant

<b>Item Number</b>	rAP-3620
<b>Synonyms</b>	LDLR chaperone MESD, Mesoderm development candidate 2, Mesoderm development protein, Renal carcinoma antigen NY-REN-61, MESDC2, KIAA0081, MESD, BOCA.
<b>Description</b>	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 pro-
<b>Uniprot Accession Number</b>	Q14696
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAEGSPGTPD ESTPPPRKKK KDIRDYNDAD MARLLEQWEK DDDIEE-GDLP EHKRPSAPVD FSKIDPSKPE SILKMTKKGK TLMMFVTVSG SPTEKETEEI TSLWQGSLFN ANYDVQRFIV GSDRAIFMLR DGSYAWKID FLVGQDRCAD VTLEGQVYPG KGGGSKEKNK TKQDKGKKKK EGDLSRSSH EENRAGNKRE DL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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>Formulation and Purity</b>	The MESDC2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**