Recombinant Human MESDC2 Protein, His tagged

Cat. No. MESDC2-3403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MESDC2 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	34-234 aa
Description	Predicted to enable low-density lipoprotein particle receptor binding activity. Involved in ossification and protein folding. Located in endoplasmic reticulum. Implicated in osteogenesis imperfecta type 20.
Tag	N-His
Molecular Mass	25 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAEGSPGTPDESTPPPRKKKKDIRDYNDADMARLL EQWEKDDDIEEGDLPEHKRPSAPVDFSKIDPSKPESILKMTKKGKTLMMFVTVSGSP TEKETEEITSLWQGSLFNANYDVQRFIVGSDRAIFMLRDGSYAWEIKDFLVGQDRCA DVTLEGQVYPGKGGGSKEKNKTKQDKGKKKKEGDLKSRSSKEENRAGNKREDL
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE

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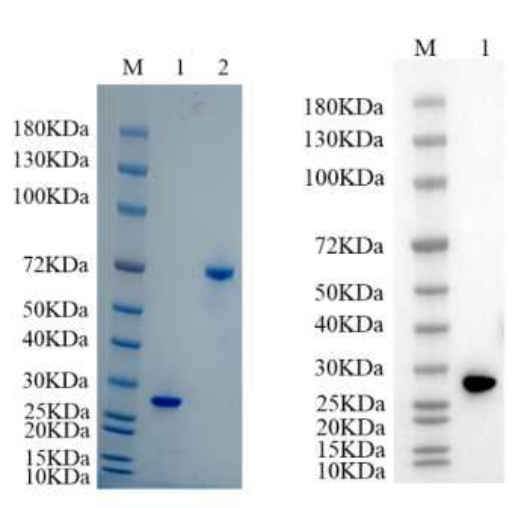
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10% Glycerol
Concentration	1.15 mg/mL by BCA

GENE INFORMATION

Gene Name	MESD mesoderm development LRP chaperone [Homo sapiens (human)]
Official Symbol	MESD
Synonyms	MESDC2; mesoderm development candidate 2; LDLR chaperone MESD; BOCA; KIAA0081; MESD; mesoderm development protein; renal carcinoma antigen NY-REN-61
Gene ID	23184
mRNA Refseq	NM_015154
Protein Refseq	NP_055969
MIM	607783
UniProt ID	Q14696

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Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified MESDC2.



1. MESDC2: 1 μg
2. BSA: 1 μg

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