

## 32-13317: MESDC2 Mouse

**Alternative Name :** LDLR chaperone MESD, Mesoderm development candidate 2, Mesoderm development protein, Mesdc2, Mesd.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

MESDC2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (30-224 a.a) and having a molecular mass of 24.4kDa. MESDC2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** MESDC2 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**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 MGSADTPGEA TPPPRKKKDI RDYNDADMAR LLEQWEKDDD  
IEEGDLPEHK RPSAPIDFSK LDPGKPESIL KMTKKGKTLM MFVTVSGNPT EKETEEITSL WQGSLEFNANY  
DVQRFIVGSD RAIFMLRDGS YAWEIKDFLV SQDRCAEVL EGMYPGKGG GSKEKNKTKP EKAKKKEGDP  
KPRASKEDNR AGSRREDL.