

AR52012PU-N

Mouse MESDC2 (30-224, His-tag) - Purified

Alternate names:	KIAA0081, MESDC2, Mesoderm development candidate 2, UNQ1911/PRO4369
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by absorbance at 280nm)
Background:	MESDC2 also known as LDLR chaperone MESD. This protein is specialized chaperone for low-density lipoprotein receptor-related protein 5 and LRP6. MESDC2 binds to mature LRP6 on the cell surface and blocks the binding of Wnt antagonist Dickkopf-1 to LRP6. Furthermore, MESDC2 plays an essential role in NMJ formation by promoting Lrp4 maturation. Recombinant mouse MESDC2, fused to His-tag at N-terminus was expressed in E.coli and purified by using conventional chromatography techniques.
Uniprot ID:	Q9ERE7
NCBI:	NP_075892
GeneID:	67943
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSADTPGEA TPPPRKKKDI RDYNDADMAR LLEQWEKDDDD IEEGDLPEHK RPSAPIDFSK LDPGKPESIL KMTKKGKTLN MFVTVSGNPT EKETEEITSL WQGSFLFNANY DVQRFIVGSD RAIFMLRDGS YAWEIKDFLV SQDRCAEVTL EGQMYPGKGG GSKEKNKTKP EKAKKKEGDP KPRASKEDNR AGSRREI Molecular weight: 24.4 kDa (218aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Lu W., et al. (2010) Biochemistry. 49(22): 4635-43. Hoshi T., et al. (2013) FEBS Lett. 587(23): 3749-54.

Pictures:

