

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

MESDC1, 1-362aa, Human, His tag, E.coli

产品货号: TP02950

第三版

别名: Mesoderm development candidate 1, MGC99595

描述: Mesoderm development candidate 1, also known as MESDC1, belongs to the MESD family. It is a 362 amino acid protein encoded by a gene that maps to human chromosome 15q25.1. MESDC1 acts as a chaperone for low-density lipoprotein receptor (LDLR) proteins in the ER, and particularly associates with Wnt signaling pathway coreceptors LRP5 and LRP6). MESDC1 is required for proper LRP5/6 folding and maturation to the cell surface, which plays a major role in Wnt signaling. Recombinant human MESDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量: 40.1 kDa (385aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMASGSAGKPTGEAASPAPASAIGGASSQPRKRLVSVCDHCKGKMQLVADLLLLSSE
ARPVLFEGPASSGAGAESFEQCRDTIIARTKGLSILTHDVQSQLNMGRFGEAGDSLVELGDLVVSLTECSAHAAYLAAVATP
GAQPAQPGLVDYRVTRCRHEVEQGCAVLRATPLADMTPQLLLEVSQGLSRNLKFLTDACALASDKSRDRFSREQFKLGV
KCMSTSASALLACVREVKVAPSELARSRCALFSGPLVQAVSALVGFATEPQFLGRAAAVSAEGKAVQTAILGGAMSVVSAC
VLLTQCLRDLAQHPDGGAKMSDHRERLRNSACAVSEGCTLLSQALRERSSPRTLPPVNSNSVN

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.