

**LIN7C, 1-197 aa, Human, His tag, E.coli**

**Cat.NO.: TP02832**

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3th Edition

**Synonyms:**Lin-7 homolog C (C. elegans), LIN-7-C, LIN-7C, MALS-3, MALS3, VELI3

**Description:**LIN7C plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. It forms membrane-associated multiprotein complexes that may regulate delivery and recycling of proteins to the correct membrane domains. Recombinant human LIN7C protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol

**Molecular Weight:**24.2 kDa (220aa) confirmed by MALDI-TOF

**Sequences:**

MGCSHHHHHSSGLVPRGSHMGSMALGEPVRLERDLCRAIELLEKLQRSGEVPPQKLQALQRVLQSEFCNAVRE  
VYEHVYETVDISSSPEVRANATAKATVAFAASEGHSHPRVVELPKTEEGLGFNIMGGKEQNSPIYISRIIPGGIADR  
HGGLKRGDQLLSVNGVSVEGEHHEKAVELLKAAQGKVKLVVRYTPKVLEEMESRFEKMRSARRRQQT

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.