

Lin7A, 1-233aa, Human, His tag, E.coli

Cat.NO.: TP02830

3th Edition

Synonyms:Protein lin-7 homolog A, LIN-7A, LIN7, MALS-1, TIP-33, VELI1.

Description:Lin7A, also as known as MALS1 or VELI1, belongs to the lin-7 family. This protein contains 1 L27 domain and 1 PDZ (DHR) domain. It plays a role in establishing and maintaining the asymmetric distribution of channels and receptors at the plasma membrane of polarized cells. The tripartite complex composed of LIN7 (LIN7A, LIN7B or LIN7C), CASK and APBA1 may have the potential to couple synaptic vesicle exocytosis to cell adhesion in brain.

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

Molecular Weight:28.4 kDa (256aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKPSVTSAPTADMATLTVVQPLTLDRDVARAIELLEKLQESGEVVPVHKLQS
LKKVLQSEFCTAIREVYQYMHETITVNGCPEFRARATAKATVAFAASEGHSHPRVVELPKTDEGLGFNVMGGKEQ
NSPIYISRIIPGGVAERHGGLKRGDQLLSVNGVSVEGEHHEKAVELLKAAKDSVKLVVRYTPKVLEEMEARFEKLRT
ARRRQQQLLIQQQQQQQQQTQQNHMS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

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.