

LIN7B, 1-207aa, Human, His tag, E.coli

Cat.NO.: TP02831

3th Edition

Synonyms:Protein lin-7 homolog B, LIN-7B, MALS-2, MALS2, VELI2

Description:LIN7B, also known as VELI2, belongs to the Velis family. Velis are a family of small synaptic proteins that interact with other proteins at the post-synaptic density (PSD) of neuronal synapses. Velis contain the PDZ motif involved in recruiting cell adhesion molecules, receptors, and channels. Lin7B is ubiquitously expressed with high expression in brain, liver, and testis.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Molecular Weight:25.3 kDa (230aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMALVEPLGLERDVSRAVELLERLQRSGELPPQKLQALQQRVLQSRFCSAIRE
VYEQLYDTLDITGSAEIRAHATAKATVAAFTASEGHAHPRVVLPKTDEGLGFNIMGGKEQNSPIYISRVIPGGVADR
HGGLKRGDQLLSVNGVSVEGEQHEKAVELLKAAQGSVKLVRYPVLEEMEARFEKMRSARRRQQHQSYSSLE
SRG

Purity:> 95% by HPLC

Concentration:0.25 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.