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32-4115: Recombinant Human LIN7B

Alternative Name : LIN-7B,MALS-2,MALS2,VELI2,Protein lin-7 homolog B,Veli-2,hVeli2,Mammalian lin-seven protein 2,Vertebrate lin-7 homolog 2,UNQ3116/PRO10200.

Description

Source : Escherichia Coli. LIN7B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 230 amino acids (1-207 a.a.) and having a molecular mass of 25.3kDa.LIN7B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LIN7B (VELI2), is a member of the Velis family. Velis family contains minor synaptic proteins which interact with other proteins at the post-synaptic density (PSD) of neuronal synapses. Velis which contain the PDZ motif, participate in recruiting cell adhesion molecules, receptors, and channels. Lin7B protein is ubiquitously expressed with a high expression in the brain, liver, and testis. Lin7B localizes at the synaptic junctions in neurons, bind to CASK, which is a neurexin-binding protein highly concentrated in synapses, and Mint1, a binding partner with a vesicle trafficking protein.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE
Content :	LIN7B protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAALVEP LGLERDVSRA VELLERLQRS GELPPQKLQA LQRVLQSRFC SAIREVYEQL YDTLDITGSA EIRAHATAKA TVAAFTASEG HAHPRVVELP KTDEGLGFNI MGGKEQNSPI YISRVIPGGV ADRHGGLKRG DQLLSVNGVS VEGEQHEKAV ELLKAAQGSV KLVVRYTPRV LEEMEARFEK MRSARRRQQH QSYSSLESRG.

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