9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LIN7B Human

LIN7B Human Recombinant
RCP1248

Product Overview

Name	LIN7B Human
Description	
LIN7B Human Recombinant	
Accession (Primary)	Q9HAP6
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
LIN7B protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAALVEP LGLERDVSRA VELLERLQRS GELPPQKLQA LQRVLQSRFC SAIREVYEQL YDTLDITGSA EIRAHATAKA TVAAFTASEG HAHPRVVELP KTDEGLGFNI MGGKEQNSPI	

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YISRVIPGGV ADRHGGLKRG DQLLSVNGVS VEGEQHEKAV ELLKAAQGSV KLVVRYTPRV LEEMEARFEK MRSARRRQQH QSYSSLESRG.

Precautions

LIN7B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HAP6)