9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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VAPB Human

VAMP Associated Protein B and C Human Recombinant
RCP2541

Product Overview

Name	VAPB Human
Description	
VAMP Associated Protein B and C Human Recombinant	
Accession (Primary)	O95292
Synonyms	
Vesicle-associated membrane protein-associated protein B/C, VAMP-B/VAMP-C, VAMP-associated protein B/C, VAP-B/VAP-C, VAPB, ALS8, VAP-B, VAMP-B.	
Introduction	
VAPB Vesicle-associated membrane protein (VAMP)-associated protein B (aka VAPB) is a type IV transmembrane protein and belongs to the VAP family of proteins. VAPB may have a role in vesicle trafficking. VAPB is found in plasma and intracellular vesicle membranes as a homodimer and heterodimer with VAPA, and interacts with VAMP1 and VAMP2. VAPB defects are the basis for the amyotrophic lateral sclerosis type 8 and spinal muscular atrophy autosomal dominant Finkel type.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VAPB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.	
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 MAKVEQVLSL EPQHELKFRG PFTDVVTTNL KLGNPTDRNV CFKVKTTAPR RYCVRPNSGI IDAGASINVS VMLQPFDYDP NEKSKHKFMV QSMFAPTDTS DMEAVWKEAK PEDLMDSKLR CVFELPAEND KPHDVEINKI ISTTASKTET PIVSKSLSSS LDDTEVKKVM EECKRLQGEV QRLREENKQF	

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KEEDGLRMRK TVQSNSPISA LAPTGKEEGL ST.

Precautions

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

Target Information: (O95292)