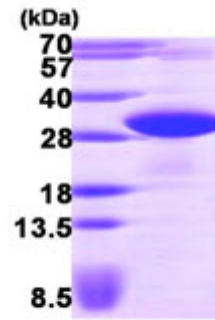


**AR09740PU-L****Human VAMP-associated protein B/C (VAPB) (1-222, His-tag) - Purified**

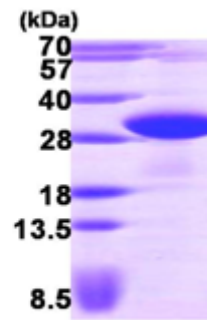
<b>Alternate names:</b>	Vesicle-associated membrane protein-associated protein B/C
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	VAPB, also known as vesicle-associated membrane protein (VAMP)-associated protein B, is a type IV transmembrane protein and member of the VAP family of proteins. This protein may play a role in vesicle trafficking. It is found in plasma and intracellular vesicle membranes as a homodimer and heterodimer with VAPA, and interacts with VAMP1 and VAMP2. Defects in VAPB are a cause of amyotrophic lateral sclerosis type 8 and spinal muscular atrophy autosomal dominant Finkel type.
<b>Uniprot ID:</b>	<a href="#">O95292</a>
<b>NCBI:</b>	<a href="#">NP_001182606</a>
<b>GeneID:</b>	<a href="#">9217</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
<b>Description:</b>	Recombinant human VAPB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. <b>AA Sequence:</b> <u>MGSSHHHHHH SSGLVPRGSH</u> MAKVEQVLSL EPQHELKFRG PFTDVVTNL KLGNPTRNV CFKVKTTAPR RYCVRPNSGI IDAGASINVS VMLQPFDYDP NEKSKHKFMV QSMFAPTDT DMEAVWKEAK PEDLMDSKLR CVFELPAEND KPHDVEINKI ISTTASKTET PIVSKSLSS LDDTEVKKVM EECKRLQGEV QRLREENKQF KEEDGLMRK TVQSNPISA LAPTGKEEGL ST <b>Molecular weight:</b> 27.1 kDa (242aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher).
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Nishimura AL, et al. (2004), Am J Hum Genet., 75(5):822-31. Hamamoto I., et al. (2005). J Virol., 79(21):13473-82.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human VAPB, 1-222aa, His-tagged



15% SDS-PAGE (3ug)