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VAPB, 1-222aa, Human, His tag, E.coli

产品货号: TP04455

第三版

别名: Vesicle-associated membrane protein-associated protein B/C, ALS8, VAMP-B, VAMP-C, VAP-B, VAP-C

描述: 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. Recombinant human VAPB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

分子量: 27.1 kDa (242aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMAKVEQVLSLEPQHELFKFRGPFTDVVTTNLKLGNPDRNVCFKVKTTAPRRYCVRPNS
GIIDAGASINVSVMQLPFDYDPNEKSKHKFMVQSMFAPTDTSDMEAVWKEAKPEDLMDSKLRVFEFELPAENDKPHDVEI
NKIISTTASKTETPIVSKSLSSLDDETEVKKVMEECKRLQGEVQRLREENKQFKEEDGLRMRKTVQSNPISALAPTGKEEGL
ST

纯度: > 95% by HPLC

浓度: 1.0 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.