

Recombinant Human VAPB Protein (His Tag)

Cat.NO.: TP07399

3th Edition

Synonyms:ALS8;VAMP-B;VAP-B

Description:Vesicle-associated membrane protein-associated protein B / C, also known as VAMP-B/VAMP-C, VAMP-associated protein B/C, VAP-B/VAP-C and VAPB, is a single-pass type IV membrane protein which belongs to the VAMP-associated protein (VAP) family. VAPB contains one MSP domain. VAPB may play a role in vesicle trafficking. VAPB forms a heterodimer with VAPA. VAPB interacts with VAMP1 and VAMP2. Defects in VAPB are the cause of amyotrophic lateral sclerosis type 8 (ALS8) which is a familial form of amyotrophic lateral sclerosis, a neurodegenerative disorder affecting upper and lower motor neurons and resulting in fatal paralysis. Defects in VAPB are also a cause of spinal muscular atrophy autosomal dominant Finkel type (SMAF) which is characterized by proximal muscle weakness that begins in the lower limbs and then progresses to upper limbs.

Form:PBS

Molecular Weight:16.3 kDa

Sequences:Met 1-Pro 132

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.