Recombinant Human APBA3 Protein (His Tag)

Catalog No. PKSH032064

Note: Centrifuge before opening to ensure complete recovery of vial contents.

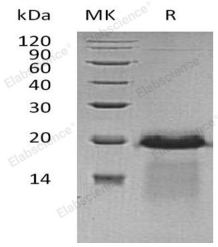
Description

Synonyms	Amyloid Beta A4 Precursor Protein-Binding Family A Member 3;Adapter protein X11Gamma;Neuron-Specific X11L2 Protein;Neuronal Munc18-1-Interacting Protein 3;Mint-3;APBA3;MINT3;X11L2
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu138
Accession	O96018
Calculated Molecular Weight	15.5 kDa
Observed molecular weight	20 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Amyloid β A4 Precursor Protein-Binding Family A Member 3 (APBA3) is an adapter protein that belongs to the X11 family. APBA3 contains 2 PDZ (DHR) domains and 1 PID domain and interacts with the Alzheimer's disease amyloid precursor protein.. APBA3 is believed to be involved in signal transduction processes. Unlike X11-α and -β which are generally neuronal proteins, APBA3 is widely expressed in all tissues examined with lower levels in brain and testis. It binds to the cytoplasmic domain of amyloid protein (APP) in vivo and may modulate processing of the β-amyloid precursor protein (APP) and hence formation of β-APP.

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