Recombinant Human APBA3 Protein (His Tag)

Catalog Number: 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

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per ug 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°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C 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.

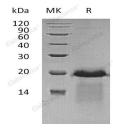
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

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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