

32-8042: Recombinant Human Amyloid beta A4 Precursor Protein-Binding A3/APBA3/X11-gamma (C-6His)

Gene : APBA3
Gene ID : 9546
Uniprot ID : O96018

Description

Source: E.coli.

MW :15.48kD.

Recombinant Human APBA3 is produced by our E.coli expression system and the target gene encoding Met1-Leu138 is expressed with a 6His tag at the C-terminus. Amyloid beta 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-a and - beta 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 beta-amyloid precursor protein (APP) and hence formation of beta-APP.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB ,150mM NaCl, pH 7.2.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MDFPTISRSPSGPPAMDLEGPRDILVPSEDLTPDSQWDPMPGGPGSLSRMELDESSLQELVQQFEALPGDLVG
PSPGGAPCPLHIATGHGLASQEIADAHGLLSAEAGRDDLGLLHCEECPPSQTGPEEPLPAPRLLLEHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.