

## Recombinant Human APBA3, His-tagged

Cat. No. APBA3-7825H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Amyloid beta A4 Precursor ProteinBinding Family A Member 3/APBA3 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1Leu138) of Human APBA3 fused with a 6His tag at the Cterminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Amyloid beta A4 Precursor ProteinBinding 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 alpha 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 betaamyloid precursor protein (APP) and hence formation of betaAPP.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB ,150mM NaCl, pH 7.2
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Lyophilized protein should be stored at less than 20°C. though stable at room

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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 less than 20°C. for 3 months.

## GENE INFORMATION

<b>Gene Name</b>	APBA3 amyloid beta (A4) precursor protein-binding, family A, member 3 [ Homo sapiens ]
<b>Official Symbol</b>	APBA3
<b>Synonyms</b>	APBA3; amyloid beta (A4) precursor protein-binding, family A, member 3; amyloid beta A4 precursor protein-binding family A member 3; mint3; X11 like 2; X11L2; mint-3; X11-like 2 protein; adapter protein X11gamma; neuron-specific X11L2 protein; neuronal munc18-1-interacting protein 3; phosphotyrosine-binding/-interacting domain (PTB)-bearing protein; amyloid beta (A4) precursor protein-binding, family A, member 3 (X11-like 2); MGC:15815;
<b>Gene ID</b>	9546
<b>mRNA Refseq</b>	NM_004886
<b>Protein Refseq</b>	NP_004877
<b>MIM</b>	604262
<b>UniProt ID</b>	O96018
<b>Chromosome Location</b>	19p13.3
<b>Function</b>	beta-amyloid binding; enzyme binding; protein binding;

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