



# Recombinant Human Amyloid beta A4 precursor protein-binding family A member 2 (APBA2)

<b>Product Code</b>	CSB-YP860353HU
<b>Abbreviation</b>	APBA2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q99767
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAHRKLESVG SGMLDHRVRP GPVPHSQEPE SEDMELPLEG YVPEGLELAA LRPESPAPPEE QECHNHSPDG DSSSDYVNNT SEEEDYDEGL PEEEEGITYY IRYCPEDDSY LEGMDCNGEE YLAHSAHPVD TDECQEAVEE WTDSAGPHPH GHEAEGSQDY PDGQLPIPED EPSVLEAHDQ EEDGHYCASK EGYQDYYPEE ANGNTGASPY RLRRGDGDLE DQEEDIDQIV AEIKMSLSMT SITSASEASP EHGPEPGPED SVEACPPIKA SCSPSRHEAR PKSLNLLPEA KHPGDPQGRGF KPKTRTPEER LKWPHEQVCN GLEQPRKQQR SDLNGPVDNN NIPETKKVAS FPSFVAVPGP CEPEDLIDGI IFAANYLGST QLLSERNPSK NIRMMQAQEA VSRVKRMQKA AKIKKKANSE GDAQTLTEVD LFISTQRIKV LNADTQETMM DHALRTISYI ADIGNIVVLM ARRRMPRSAS QDCIETTPGA QEGKKQYKMI CHVFESEDAQ LIAQSIGQAF SVAYQEFLRA NGINPEDLSQ KEYSIDIINTQ EMYNDLIHF SENSECKELQ LEKHKGEILG VVVVESGWGS ILPTVILANM MNGGPAARSG KLSIGDQIMS INGTSLVGLP LATCQGIKKG LKNQTQVKLN IVSCPPVTTV LIKRPDLKYQ LGFSVQNGII CSLMRGGIAE RGGVRVGHRI IEINGQSVVA TAHEKIVQAL SNSVGEIHMK TMPAAMFRL TQGETPLYI
<b>Source</b>	Yeast
<b>Target Names</b>	APBA2
<b>Protein Names</b>	Recommended name: Amyloid beta A4 precursor protein-binding family A member 2 Alternative name(s): Adapter protein X11beta Neuron-specific X11L protein Neuronal Munc18-1-interacting protein 2 Short name= Mint-2
<b>Expression Region</b>	1-749
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer s disease amyloid precursor protein



(APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer s disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. Multiple transcript variants encoding different isoforms have been found for this gene.

---

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.