



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

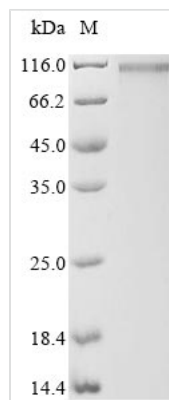
Product Code	CSB-MP860353HU
Abbreviation	Recombinant Human APBA2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99767
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MAHRKLESVSGSGLDHRVRPGVPVPHSQPESEDMEPLLEGYVPEGLELAALR PESPAPEEQECHNHSPDGDSSSDYVNNTSEEDYDEGLPEEEEGITYYIRYCP EDDSYLEGMDCNAGEEYLAHSAHPVDTDECQEAVEEWTD SAGPHPHGHEAEG SQDYDPDGQLPIPEDEPSVLEAHDQEEDGHYCASKEGYQDYYPEEANGNTGA SPYRLRRGDGDLEDQEEDIDQIVAEIKMSLSMTSITSASEASPEHGPEPGPDS VEACPPIKASCSPSRHEARPKSLNLLPEAKHPGDPQRGFKPKTRTPEERLKWP HEQVCNGLEQPRKQQRSDLNGPVDNNIPETKKVASFSPFVAVPGPCEPEDLI DGIIFAANYLGSTQLLSERNPSKNIRMMQAQEA VSRVKRMQKAAKIKKKANSE GDAQTLTEVDLFISTQRIKVLNADTQETMMDHALRTISYIADIGNIVLMARRRM PRSASQDCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFL RANGINPEDLSQKEYSDIINTQEMYNDLIHFSNSENCKELQLEKHKGEILGVV VVESGWGSILPTVILANMMNGGPAARSGKLSIGDQIMSINGTSLVGLPLATCQG IIGLKNQTQVKLNIVSCPPVTTVLIKRPDLKYQLGFSVQNGIICSLMRGGIAERG GVRVGHRIIEINGQSVVATAHEKIVQALSNSVGEIHMKTMPAAMFRLLTGQETP LYI
Research Area	Neuroscience
Source	Mammalian cell
Target Names	APBA2
Expression Region	1-749aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged



Mol. Weight 87.5 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Human APBA2 protein is made by following sequential steps: inserting a DNA fragment encoding the Human APBA2 protein (1-749aa) into a plasmid vector, transferring this vector into mammalian cells, selecting the positive cells, culturing positive cells, inducing the protein expression, and collecting the APBA2 protein. The protein features a N-terminal 10xHis tag and C-terminal Myc tag fusion. The recombinant APBA2 protein is subjected to affinity purification and SDS-PAGE analysis. Its purity is over 85%.

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.