

Datasheet for ABIN7561296

APBB2 Protein (AA 1-760) (His tag)



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Overview

Quantity:	1 mg
Target:	APBB2
Protein Characteristics:	AA 1-760
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APBB2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Apbb2 Protein expressed in mammalien cells.
Sequence:	<p>MSEVLPADSG VGT LAVFMAS SGSTDIANRN SPATPPNTLN LRSSHNE LLN AEIKHSDAKN</p> <p>STPPKCRKKY ALTNIQAAMG LSDPAVQPLL GN GSANIKLV KNGENQLRKA AEQGQQDPNK</p> <p>NLSPA AVINL TSEKLEVKDP HPQESSGCEI LPSQPRRTKS FLNYYADLET SARELGQNLG</p> <p>PCQGVGEEKA QPGPGQAPVV IGNGDLLPQK PNKPQSSPED GQVATVSSSP ETKKDHPKTG</p> <p>AKTDCALHRI QNLAPSDEES SWTTLSQDSA SPSSPDETDI WSDHSFQTDP DLPPGWKRVN</p> <p>DIAGTYWHI PTGTTQWERP VSIPADLHGS RKGSLSSVTP SPTPENЕКQP WSDFAVLNGG</p> <p>KINSDIWKDL HAATVNPDP S LKEFEGATLR YASLKL RNAP HGDDDDSCSI NSDPEAKCFA</p> <p>VRSLGWVEMA EEDLAPGKSS VAVNNCIRQL SYCKNDIRDT VGIWGEGKDM YLSLENDMLS</p> <p>LVDPMDRSVL HSQPIVNIRV WGVGRDNGRE RDFAYVARDK DTRILKCHVF RCDTPAKAIA</p> <p>TSLHEICSKI MAERKNAKAL ACSSLQERTN MSLDVPLQVD FPTPKTEL VQ KFRVQYLGML</p> <p>PVDRPVGMDT LNSAIENLMT SSSKEDWPSV NMNVADATVT VISEKN EEEV LVECRVRFLS</p>

Product Details

FMGVGKDVHT FAFIMDTGNQ RFECHVFWCE PNAANVSEAV QAACMLRYQK CLVARPPSQK
VRPPPPPADS VTRRVTTNVK RGVLSLIDTL KQKRPVTETP **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	APBB2
Alternative Name:	Apbb2 (APBB2 Products)
Background:	<p>Amyloid beta precursor protein binding family B member 2 (Amyloid-beta (A4) precursor protein-binding family B member 2) (Protein Fe65-like 1),FUNCTION: Plays a role in the maintenance of lens transparency, and may also play a role in muscle cell strength (PubMed:25757569, PubMed:27734846). Involved in hippocampal neurite branching and neuromuscular junction formation, as a result plays a role in spatial memory functioning (PubMed:27734846). Activates transcription of APP (By similarity).</p> <p>{ECO:0000250 UniProtKB:Q92870, ECO:0000269 PubMed:25757569, ECO:0000269 PubMed:27734846}.</p>

Target Details

Molecular Weight: 83.2 kDa

UniProt: [Q9DBR4](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months