

Datasheet for ABIN7551787

**Amyloid beta (A4) Precursor Protein-Binding, Family B,
Member 1 Interacting Protein (APBB1IP) (AA 1-666) protein
(His tag)**



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Overview

Quantity:	1 mg
Target:	Amyloid beta (A4) Precursor Protein-Binding, Family B, Member 1 Interacting Protein (APBB1IP)
Protein Characteristics:	AA 1-666
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat APBB1IP Protein expressed in mammalien cells.
Sequence:	MGESSEDIDQ MFSTLLGEMD LLTQSLGVDT LPPDPNPPR AEFNYSVGFK DLNESLNALE DQDLDALMAD LVADISEAEQ RTIQAQKESL QNQHHSASLQ ASIFSGAASL GYGTVNAATG ISQYEDDLPP PPADPVLDLP LPPPPPEPLS QEEEEAQAKA DKIKLALEKL KEAKVKKLVV KVHMDNSTK SLMVDERQLA RDVLDNLF EK THCDCNV DWC LYEIYPELQI ERFFEDHENV VEVLSDWTRD TENKILFLEK EEKYAVFKNP QNFYLDNRGK KESKETNEKM NAKNKESLLE ESFCGTSIIV PELEGALYLK EDGKKS WKRR YFLLRASGIY YVPKGKTKTS RDLACFIQFE NVNIYYGTQH KMKYKAPTDY CFVLKHPQIQ KESQYIKYLC CDDTRTLNQW VMGIRIAKYG KTLYDNYQRA VAKAGLASRW TNLGTVNAAA PAQPSTGPKT GTTQPNGQIP QATHSVSAVL QEAQRHAETS KDKKPALGNH HDAVP RAPH APKSSLPPPP PVRSSDTSG SPATPLKAKG TGGGGLPAPP DDFLPPPPPP PPLDDPELPP PPPDFMEPPP DFVPPPPPSY AGIAGSELPP PPPPPPAPAP APVPDSARPP PAVAKRPPVP PKRQENPGHP GGAGGGEQDF MSDLMKALQK

KRGNVS **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:	<p>Key Benefits:</p> <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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Amyloid beta (A4) Precursor Protein-Binding, Family B, Member 1 Interacting Protein (APBB1IP)
Alternative Name:	APBB1IP (APBB1IP Products)
Background:	<p>Amyloid beta A4 precursor protein-binding family B member 1-interacting protein (APBB1-interacting protein 1) (Proline-rich EVH1 ligand 1) (PREL-1) (Proline-rich protein 73) (Rap1-GTP-interacting adapter molecule) (RIAM) (Retinoic acid-responsive proline-rich protein 1) (RARP-1),FUNCTION: Appears to function in the signal transduction from Ras activation to actin cytoskeletal remodeling. Suppresses insulin-induced promoter activities through AP1 and SRE. Mediates Rap1-induced adhesion. {ECO:0000269 PubMed:14530287, ECO:0000269 PubMed:15469846}.</p>
Molecular Weight:	73.2 kDa
UniProt:	Q7Z5R6

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.
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Restrictions:	For Research Use only
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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