

Datasheet for ABIN7552310

APBA3 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	APBA3
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APBA3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant APBA3 Protein expressed in mammalian cells.
Sequence:	<p>MDFTISRSP SGPPAMDLEG PRDILVPSED LTPDSQWDPM PGGPGSLSRM ELDESSLQEL</p> <p>VQQFEALPGD LVGPSPGGAP CPLHIATGHG LASQEIADAH GLLSAEAGRD DLLGLLHCEE</p> <p>CPPSQTGPPEE PLEPAPRLQ PPEDPDEDSD SPEWVEGASA EQEGSRSSSS SPEPWLETVP</p> <p>LVTPEEPPAG AQSPETLASV PAPQEVPGPC DHEDLLDGI FGARYLGSTQ LVSEPNPPTS</p> <p>TRMAQAREAM DRVKAPDGET QPMTEVDLFV STKRIKVLTA DSQEAMMDHA LHTISYTADI</p> <p>GCVLVLMARR RLARRPAPQD HGRRLYKMLC HVFYAEDAQL IAQIGQAFA AAYSQFLRES</p> <p>GIDPSQGVGH PSPGACHLHN GDLDFNSND NCREVHLEKR RGEGLGVALV ESGWGSLLPT</p> <p>AVIANLLHGG PAERSGALSI GDRLTAINGT SLVGLPLAAC QAAVRETKSQ TSVTLISIVHC</p> <p>PPVTTAIIHR PHAREQLGFC VEDGIICSL RGGIAERGGI RVGHRIIEIN GQSVVATPHA RIELLTEAY</p> <p>GEVHIKTPMA ATYRLLTGQE QPVYL 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.</p>

Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	APBA3
Alternative Name:	APBA3 (APBA3 Products)
Background:	Amyloid-beta A4 precursor protein-binding family A member 3 (Adapter protein X11gamma) (Neuron-specific X11L2 protein) (Neuronal Munc18-1-interacting protein 3) (Mint-3),FUNCTION: May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta. May enhance the activity of HIF1A in macrophages by inhibiting the activity of HIF1AN. {ECO:0000269 PubMed:19726677}.
Molecular Weight:	61.5 kDa
UniProt:	O96018

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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