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Datasheet for ABIN7548640
KCNAB3 Protein (AA 1-404) (His tag)

Overview

Quantity:	1 mg
Target:	KCNAB3
Protein Characteristics:	AA 1-404
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNAB3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KCNAB3 Protein expressed in mammalian cells.
Sequence:	<p>MQVSIACTEQ NLRSRSSedr LCGPRPGGG GNGGPAGGGH GNPPGGGGSG PKARAALVPR PPAPAGALRE STGRGTGMKY RNLGKSGLRV SCLGLGTWWT FGSQISDETA EDVLTVAYEH GVNLFDTAEV YAAGKAERTL GNILKSKGWR RSSYVITTKI FWGGQAETER GLSRKHIEG LRGSLERLQL GYVDIVFANR SDPNCPMEEI VRAMTYVINQ GLALYWGTSR WGAAEIMEAY SMARQFNLIP PVCEQAEHHL FQREKVEMQL PELYHKIGVG SVTWYPLACG LITSKYDGRV PDTCRASIKG YQWLKDKVQS EDGKKQQAKV MDLLPVAHQL GCTVAQLAIA WCLRSEGVSS VLLGVSSAEQ LIEHLGALQV LSQ LTPQ TVM EIDG LLGNKP HSKK 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>
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.

Product Details

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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	KCNAB3
Alternative Name:	KCNAB3 (KCNAB3 Products)
Background:	Voltage-gated potassium channel subunit beta-3 (EC 1.1.1.-) (K(+)) channel subunit beta-3 (Kv-beta-3),FUNCTION: Accessory potassium channel protein which modulates the activity of the pore-forming alpha subunit. Alters the functional properties of Kv1.5. {ECO:0000269 PubMed:9857044}.
Molecular Weight:	43.7 kDa
UniProt:	O43448

Application Details

Application Notes:	We expect the protein to work for functional studies. 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