

Datasheet for ABIN7546397

STAC2 Protein (AA 1-411) (His tag)



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Overview

Quantity:	1 mg
Target:	STAC2
Protein Characteristics:	AA 1-411
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAC2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant STAC2 Protein expressed in mammalian cells.
Sequence:	<p>MTEMSEKENE PDAAATHSPP GTVSALQETK LQRFKRSLSL KTLRSKSLE NFFLRSGSEL</p> <p>KCPTEVLLTP PTPLPPPSPP PTASDRGLAT PSPSPCPVPR PLAALKPVRL HSFQEHVFKR</p> <p>ASPCELCHQL IVGNSKQGLR CKMCKVSVHL WCSEEISHQQ CPGKTSTSFR RNFSSPLL VH</p> <p>EPPPVCATSK ESPPTGDSGK VDPVYETLRY GTSLALMNRS SFSSTSESPT RLSERDEL T</p> <p>EDGEGSIRSS EEGPGDSASP VFTAPAESEG PGPEEKSPGQ QLPKATLRKD VGPMYSYVAL</p> <p>YKFLPQENND LALQPGDRIM LVDDSNEDWW KGKIGDRVGF FPA NFVQVRV R PGENVWRCCQ</p> <p>PFSGNKEQGY MSLKENQICV GVGRSKDADG FIRVSSGKKR GLVPVDALTE 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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	STAC2
Alternative Name:	STAC2 (STAC2 Products)
Background:	SH3 and cysteine-rich domain-containing protein 2 (24b2/STAC2) (Src homology 3 and cysteine-rich domain-containing protein 2),FUNCTION: Plays a redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity. Slows down the inactivation rate of the calcium channel CACNA1C. {ECO:0000250 UniProtKB:Q8R1B0}.
Molecular Weight:	45.0 kDa
UniProt:	Q6ZMT1

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