

Datasheet for ABIN7552581

Bestrophin 1 Protein (BEST1) (AA 1-585) (His tag)



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Overview

Quantity:	1 mg
Target:	Bestrophin 1 (BEST1)
Protein Characteristics:	AA 1-585
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bestrophin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat BEST1 Protein expressed in mammalian cells.
Sequence:	MTITYTSQVA NARLGSFSRL LLCWRGSIYK LLYGEFLIFL LCYYIIRFIY RLALTEEQQL MFEKLTLYCD SYIQLIPISF VLGFYVTLVV TRWWNQYENL PWPDRMLSLV SGFVEGKDEQ GRLLRRTLIR YANLGNVLIL RSVSTAVYKR FPSAQHLVQA GFMTPEAHKQ LEKLSLPHNM FWVPWWVFAN LSMKAWLGGR IRDPILLQSL LNECNTLRTQ CGHLYAYDWI SIPLVYTQVV TVAVYSFFLT CLVGRQFLNP AKAYPGHELD LVVPVFTFLQ FFFYVGWLKV AEQLINPFGE DDDDFETNWI VDRNLQVSL AVDEMHQDLP RMEPDMYWNK PEPQPPYTAA SAQFRRASFM GSTFNISLNK EEMEFQPNQE DEEDAHAGII GRFLGLQSHD HHPPRANSRT KLLWPKRESL LHEGLPKNHK AAKQNVRGQE DNKAWKLKAV DAFKSAPLYQ RPGYYSAPQT PLSPTPMFFP LEPSAPSKLH SVTGIDTKDK SLKTVSSGAK KSFELLSESD GALMEHPEVS QVRRKTVEFN LTMPEIPEN HLKEPLEQSP TNIHTTLKDH MDPYWALENR DEAHS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different

Product Details

complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: • 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). 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. If you are not interested in a full length protein, please contact us for individual protein fragments. 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.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Bestrophin 1 (BEST1)
Alternative Name:	BEST1 (BEST1 Products)
Background:	Bestrophin-1 (TU15B) (Vitelliform macular dystrophy protein 2),FUNCTION: Forms calcium-sensitive chloride channels. Highly permeable to bicarbonate. {ECO:0000269 PubMed:11904445, ECO:0000269 PubMed:12907679, ECO:0000269 PubMed:18400985}.
Molecular Weight:	67.7 kDa
UniProt:	O76090

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
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Application Details

	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