

Datasheet for ABIN7557919

Bestrophin 3 Protein (BEST3) (AA 1-669) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Bestrophin 3 (BEST3)
Protein Characteristics:	AA 1-669
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bestrophin 3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Best3 Protein expressed in mammalian cells.
Sequence:	<p>MTVTYSSKVA NATFFGFHRL LLKWRGSIYK LLYREFIVFA VLYTAISLVY RLLLTGAQKR</p> <p>YFEKLSIYCD RYAEQIPVTF VLGFYVTLVV NRWWNQFVNL PWPDRMLLLI SSSVHGSDQH</p> <p>GRLLRRTLMR YVNLTSLLIF RSVSTAVYKR FPTMDHVVEA GFMTADERKL FDHLKSPHLK</p> <p>YWVPFIWFGN LATKARNEGR IRDSVDLQSL MTEMNRYRSW CSLLFGYDWV GIPLVYTQVV</p> <p>TLAVYTFFFA CLIGRQFLDP TKGYYVGHDL D LYVPIFTLLQ FFFYAGWLKV AEQLINPFGE</p> <p>DDDDFETNWC IDRNLQVSLL AVDEMHSPL KMKKDIYWDD SAARPPYTLA AADYCIPSFL</p> <p>GSTIQMGLSG SNFPAEDWLW NYEKHG NRHS VMRRVKRFLS THEHPGSPRR RRSFGRQASD</p> <p>SSMFLPPSPA RDLLDVPSRN PHRGSPTRKQ SRSQEGSPKL HSSMGELSTI RETSRTSTLQ</p> <p>SLSPQSSVRS SPTKMPQVPE VLITAAEAPA FSADSHQHDS TTSILSLEFT GVQPSGTEQQ</p> <p>VEPSGTPPGD PNPQTTSAST ERDLFKFEED LEDDRFPKRW SLPEFLESRH TSLGNLGPDP</p> <p>VSPRDALLLP DTETPSETNG IHPGAGSALA PDILYLMESL DKETDILEFN NEHTGESPKG</p>

TPQRPRTWF **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:

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 3 (BEST3)

Alternative Name:

Best3 ([BEST3 Products](#))

Background:

Bestrophin-3 (Vitelliform macular dystrophy 2-like protein 3),FUNCTION: Forms calcium-sensitive chloride channels. Permeable to bicarbonate (By similarity). {ECO:0000250}.

Molecular Weight:

76.4 kDa

UniProt:

[Q6H1V1](#)

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.

Application Details

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