

Datasheet for ABIN7552666

**Bestrophin 2 Protein (BEST2) (AA 1-509) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Bestrophin 2 (BEST2)
Protein Characteristics:	AA 1-509
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bestrophin 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat BEST2 Protein expressed in mammalien cells.
Sequence:	MTVITYTARVA NARFGGFSQL LLLWRGSIYK LLWRELLCFL GFYMALSAAY RFVLTEGQKR YFEKLVIIYCD QYASLIPVSF VLGFIYVTLV NRWWSQYLCM PLPDALMCVV AGTVHGRDDR GRLYRRTLMR YAGLSAVLIL RSVSTAVFKR FPTIDHVVEA GFMTREERKK FENLNSSYNK YWVPCVWFSN LAAQARREGR IRDNSALKLL LEELNVFRGK CGMLFHWDWI SVPLVYTQVV TIALYSYFLA CLIGRQFLDP AQGYKDHDLD LCVPIFTLLQ FFFYAGWLKV AEQLINPFGE DDDDFETNFL IDRNFQVSMML AVDEMYDDLA VLEKDLWDA AEARAPYTAA TVFQLRQPSF QGSTFDITLA KEDMQFQRLD GLDGPMGEAP GDFLQRLPA GAGMVAGGPL GRRLSFLLRK NSCVSEASTG ASCSCAVVPE GAAPECSCGD PLLDPGLPEP EAPPPAGPEP LTLIPGPVEP FSIVTMPGPR GPAPPWLPSP IGEENLA <b>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</b>

## Product Details

---

### 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 2 (BEST2)

#### Alternative Name:

BEST2 ([BEST2 Products](#))

#### Background:

Bestrophin-2 (Vitelliform macular dystrophy 2-like protein 1),FUNCTION: Forms calcium-sensitive chloride channels. Permeable to bicarbonate. {ECO:0000269|PubMed:11904445, ECO:0000269|PubMed:12907679, ECO:0000269|PubMed:18400985}.

#### Molecular Weight:

57.1 kDa

#### UniProt:

[Q8NFU1](#)

## 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.

#### 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