

Recombinant Full Length Mouse Bestrophin-3(Best3) Protein, His-Tagged

Cat. No. RFL10127MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Bestrophin-3(Best3) Protein (Q6H1V1) (1-669aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-669)

Form

Lyophilized powder

AA Sequence

MTVTYSSKVANATFFGFHRLLLKWRGSIYKLLYREFIVFAVLYTAISLVYRLLLTGAQK
 R YFEKLSIYCDRYAEQIPVTFVLGFYVTLVVNRWWNQFVNLPWPDRMLLISSSVH
 GSDQH GRLLRRTL MRYVNLTSLIFRSVSTAVYKRFP TMDHVVEAGFMTADERKLF
 DHLKSPHLK YWVPFIWFGNLATKARNEGRIRDSVDLQSLMTEMNRYRSWCSSLFG
 YDWVGIPLVYTQVV TLAVYTFFFACLIGRQFLDPTKGYVGHDLDLVPIFTLLQFFFY
 AGWLKVAEQLINPFGE DDDDFETNWCIDRNLQVSL LAVDEM HMSLPKMKKDIYWD
 DSAARPPYT LAAADYCIPSFL GSTIQMGLSGSNFPAEDWLWNYEKHG NRHSVMRR
 VKRFLSTHEHPGSPRRRRSFGRQASD SSMFLPPSPARDLLDVPSRNP HRGSPTRK
 QRSRQEGSPKLHSSMGELSTIRETSRTSTLQ SLSPQSSVRSSPTKMPQVPEVLITAA
 EAPAFSADSHQH DSTTSILSLEFTGVQPSGTEQQ VEPSGTPPGDPNPQTTSASTER
 DLFKFEEDLEDDRFPKRWSLPEFLESRHTSLGNLGPDP VSPRDALLLPDTETPSET
 NGIHPGAGSALAPDILYLMESLDKETDILEFNNEHTGESPKG TPQRPRTW F

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Best3
Synonyms	Best3; Vmd2l3; Bestrophin-3; Vitelliform macular dystrophy 2-like protein 3
UniProt ID	Q6H1V1

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