

Recombinant Full Length Macaca Fascicularis Bestrophin-1(Best1) Protein, His-Tagged

Cat. No. RFL30674MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Macaca fascicularis Bestrophin-1(BEST1) Protein (Q6UY87) (1-585aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Macaca fascicularis
Source	E.coli
ProteinLength	Full Length (1-585)
Form	Lyophilized powder
AA Sequence	MTITYTSQVANARLGSFSRLLLCWRGSIYKLLYGEEFFIFLLCYIIRFIYRLALTEEQQL MFEKLTLYCDSYIQLIPISFVLGFYVTLVVTRWWNQYENLPWPDRLMSLVSGFVEGK DEQ GRLLRRTLIRYANLGNVLILRSVSTAVYKRFPQAHLVQAGFMTPAEHKQLEKL SLPHNM FWVPWVWFANLSMKAWLGGRIRDPILLQSLNEMNTLRTQCGHLYAYD WISIPLVYTQVV TVAVYSFFLTCLVGRQFLNPAKAYPGHELDLVVPVFTFLQFFFYVG WLKVAEQLINPFGE DDDDFETNWIVDRNLQVSLLAVDEMHQDLPRMEPDMYWNEP EPHPPYTAASAQFRRASFM GSTFNISLNKEEMEFQPNQEDKEDAHTGIIGRFLGLQ SHDHHPGANSRTKLLWPKRESL LHEGLPKNHKAVKQNVRGLEDNKAWKLKAVDA FKSAPLYQRPGYYSAPQTPLSPTPMFFP PEPSVL SKLHSVTGIDTKDKSLKT VSSGA KNSSELLSGSDGALMEHPEVSHVRRKTVEFN LTDMPEIPENHLKEPLELSTTNIHAT LKDHDVDPYWALENRDEAHS
Purity	Greater than 90% as determined by SDS-PAGE.

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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	BEST1
Synonyms	BEST1; VMD2; QtsA-19642; Bestrophin-1; Vitelliform macular dystrophy protein 2
UniProt ID	Q6UY87

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