

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

Cat. No. RFL34325HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Bestrophin-3(BEST3) Protein (Q8N1M1) (1-668aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-668)
Form	Lyophilized powder
AA Sequence	MTVTYSSKVANATFFGFHRLLLKWRGSIYKLLYREFIVFAVLYTAISLVYRLLLTGVQK R YFEKLSIYCDRYAEQIPVTFVLGFYVTLVVNRWWNQFVNLPWPDRMLFLISSSVH GSDEH GRLLRRTL MRYVNLTSLIFRSVSTAVYKRFP TMDHVVEAGFMTTDERKLF NHLKSPHLK YWVPFIWFGNLATKARNEGRIRDSVDLQSLMTEMNRYRSWC SLLFG YDWVGIPLVYTQVV TLAVYTFFFACLI GRQFLDPTKGYAGHDLDLYIPIFTLLQFFFYA GWLKVAEQLINPFGE DDDDFETNWCIDRN LQVSL LAVDEM HMSLPKMKKDIYWDD SAARPPYTLAAADY CIPSFL GSTVQMGLSGSDFPDEEWLWDYEK HGRHSMIRRV KRFLSAHEHPSSPRRRSYRRQTSDS SMFLPRDDLSPARDLLDVPSRNPPRASPTW KKSCFPEGSP TLHFSGMELSTIRETSQTST LQSLTPQSSVRTSPIKMPLVPEVLITAA EAPVPTSGGYHHDSATSILSSEFTGVQPSKTE QQQGPMGSILSPSEKETPPGGPSP QTVSASAEENIFNCEEDPGDTFLKRWSLPGLGSSH TSLGNLSPDPMSSQPALLIDT ETSSEISGINIVAGSRVSSDMLYLMENLDTKETDIIELN KETEESPK

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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	Q8N1M1