

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 TLAVYTFFFACLIGRQFLDPTKGYAGHDLDLYIPIFTLLQFFFYA GWLKVAEQLINPFGE DDDDFETNWCIDRN LQVSL LAVDEM HMSLPKMKKDIYWDD SAARPPYTLAAADYCIPSFL GSTVQMGLSGSDFPDEEWLWDYEK HGRHSMIRRV KRFLSAHEHPSSPRRRSYRRQTSDS SMFLPRDDLSPARDLLDVPSRNPPRASPTW KKSCFPEGSP TLHFSMGELSTIRETSQTST 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