

# Human BEST1 Recombinant Protein



RPPB2884

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## Product Information    Protein Information

**Product SKU:**

RPPB2884

**Accession:**

O76090

**Host:**

Escherichia Coli.

**Protein description:**

BEST1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (292-585) and having a molecular mass of 36 kDa. BEST1 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Bestrophin-1, TU15B, Vitelliform macular dystrophy protein 2, BEST1, VMD2, ARB, BEST, BMD, RP50, TU15B, Bestrophin-1 isoform 1, Bestrophin 1.

**Formulation:**

The BEST1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSEQLINPF GEDDDDFETN WIVDRNLQVS LLAVDEM HQD  
LPRMEPDMYW NKPEPQPPYT AASAQFRRAS FMGSTFNISL NKEEMEFQPN QEDEEDAHAG IIGRFLGLQS  
HDHHP PRANS RTKLLWPKRE SLLHEGLPKN HKA AKQNV RG QEDNKAWK LK AVDAFKSAPL YQRP GYYSAP  
QTPLSPTPMF FPLEPSAPSK LHSV TGIDTK DKSLKT VSSG AKKS FELLSE SDGALMEHPE VSQVRRKTVE  
FNLTDMPEIP ENHLKEPLEQ SPTNIHTTLK DHMDPYWALE NRDEAHS.