

# Human CRYBB1 Recombinant Protein



RPPB5197

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## Product Information    Protein Information

**Product SKU:**

RPPB5197

**Accession:**

P53674

**Host:**

Escherichia Coli.

**Protein description:**

CRYBB1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (1-252 a.a.) and having a molecular mass of 29.1 kDa. The CRYBB1 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

EC 1.17.4.1, RR2M, Beta-B1 crystallin, CATCN3.

**Formulation:**

The CRYBB1 solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT & 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:**

MSQAAKASAS  ATVAVNPGPD  TKGKGAPPAG  TSPSPGTTLA  PTVPITSAK  AAELPPGNYR  LVVFELENFQ  
GRRAEFSGEC  SNLADRGFDR  VRSIIVSAGP  WVAFEQSNFR  GEMFILEKGE  YPRWNTWSSS  YRSDRLMSFR  
PIKMDAQEHK  ISLFEGANFK  GNTIEIQGDD  APSLWVYGFS  DRVGSVKVSS  GTWVGYYQYPG  YRGYQYLLEP  
GDFRHWNEWG  AFQPQMQLSLR  RLRDKQWHLE  GSFPVLATEP  PKRSHHHHHH.