

# Human CRYGS Recombinant Protein



RPPB3272

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## Product Information    Protein Information

**Product SKU:**

RPPB3272

**Accession:**

P22914

**Host:**

E.coli.

**Protein description:**

CRYGS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 202 amino acids (1-178) and having a molecular mass of 23.6 kDa. The CRYGS is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Crystallin gamma S, Gamma-crystallin S, CRYG8, crystallin, gamma 8, Beta-crystallin S.

**Formulation:**

The CRYGS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 95% 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 SGLVPRGSH MGSMSKTGT KITFYEDKNF QRRYDCDCD CADFHTYLSR CNSIKVEGGT  
WAVYERPNFA GYMYLPQGE YPEYQRWMGL NDRSSCRV HLPSSGGQYKI QIFEKGFSG QMYETTEDCP  
SIMEQFHMRE IHSCKVLEGV WIFYELPNYR GRQYLLDKKE YRKPIDWGAA SPAVQSFRRRI VE