Recombinant Human CRYBG1 Protein, His-tagged

Cat. No. CRYBG1-429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRYBG1(Pro1502~Met1719) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro1502~Met1719
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.6kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CRYBG1 crystallin beta-gamma domain containing 1 [Homo sapiens]
Official Symbol	CRYBG1
Synonyms	ST4; AIM1
Gene ID	202
mRNA Refseq	NM_001624
Protein Refseq	NP_001615
MIM	601797
UniProt ID	Q9Y4K1

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