9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CRYGN Human

Crystallin, Gamma N Human Recombinant
RCP0550

Product Overview

Name	CRYGN Human
Description	
Crystallin, Gamma N Human Recombinant	
Accession (Primary)	Q8WXF5
Synonyms	
Gamma-crystallin N, Gamma-N-crystallin, CRYGN.	
Introduction	
Crystallin gamma N (CRYGN) is a member of the Crystallins family. Crystallins are the main proteins of the vertebrate eye lens, where they preserve the transparency and refractive index of the lens. CRYGN is unique in the way that it has both beta and gamma crystallin protein motifs. The CRYGN is differentially controlled after early development, and is involved in cataract creation due to either age-related protein degradation or genetic mutation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CRYGN protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAQRSG KITLYEGKHF TGQKLEVFGD CDNFQDRGFM NRVNSIHVES GAWVCFNHPD FRGQQFILEH GDYPDFFRWN SHSDHMGSCR PVGMHGEHFR LEIFEGCNFT GQCLEFLEDS PFLQSRGWVK NCVNTIKVYG DGAAWSPRSF GAEDFQLSSS LQSDQGPEEA TTKPATTQPP FLTANL.	
Precautions	
CRYGN Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q8WXF5)