

# Recombinant Human CRYM

Catalog No: #GP13601



Package Size: #GP13601-1 100ug

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## Description

Product Name	Recombinant Human CRYM
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-314 amino acids of human CRYM
Target Name	crystallin mu
Other Names	THBP; DFNA40
Accession No.	Swissprot:Q14894Gene Accession:BC018061
Uniprot	Q14894
GeneID	1428;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Crystallins are separated into two classes: taxon-specific and ubiquitous. The former class is also called phylogenetically-restricted crystallins. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. This gene encodes a taxon-specific crystallin protein that binds NADPH and has sequence similarity to bacterial ornithine cyclodeaminases. The encoded protein does not perform a structural role in lens tissue, and instead it binds thyroid hormone for possible regulatory or developmental roles. Mutations in this gene have been associated with autosomal dominant non-syndromic deafness.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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