

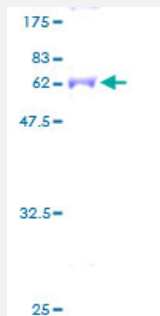
Full-Length

# CRYM (Human) Recombinant Protein (P01)

Catalog # H00001428-P01

Size 10 ug, 25 ug

## Applications



## Specification

<b>Product Description</b>	Human CRYM full-length ORF ( AAH18061, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MSRVPAFLSAAEVEEHLRSSSLIPPLETALANFSSGPEGGVMQPVRTVVPVTKHRGYLGVMPA YSAAEDALTTKLVTFYEDRGITSVVP SHQATVLLFEP SNGTLLAVMDGNVITAKRTAAVSAIATKFL KPPSSEVLCILGAGVQAYSHYEIFTEQFSFKEVRIWNRTKENAEKFADTVQGEVRVCSSVQEAVA GADVITVTLATEPILFGEWVKPGAHINAVGASRPDWRELDDELMKEAVLYVDSQEAALKESGDV LLSGAEIFAELGEVIKGVKPAHCEKTTVFKSLGMAVEDTVA AKLYDSWSSGK
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	60.28
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CRYM

Entrez GeneID [1428](#)

GeneBank Accession# [BC018061](#)

Protein Accession# [AAH18061](#)

Gene Name CRYM

Gene Alias DFNA40, THBP

Gene Description crystallin, mu

Omim ID [123740](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

**Other Designations** NADP-regulated thyroid-hormone binding protein|OTTHUMP00000115878