

Datasheet for ABIN666997

CRYM Protein (AA 1-314) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | CRYM |
| Protein Characteristics: | AA 1-314 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CRYM protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---------------------------------------|
| Characteristics: | CRYM, 1-314aa, Human, His tag, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|---|
| Target: | CRYM |
| Alternative Name: | CRYM (CRYM Products) |
| Background: | Crystallin mu, also known as CRYM, is a member of the crystallin protein family. Crystallins are separated into two classes, taxon-specific and ubiquitous. This gene encodes a taxon-specific crystallin protein. The human CRYM gene maps to chromosome 16p13.11, and encodes a protein that is expressed in neural tissue, muscle, and kidney. Unlike other crystallins, CRYM does not perform a structural role in lens tissue, but rather it binds NADPH and thyroid |

Target Details

hormone, which indicates that it may have other regulatory or developmental functions. Recombinant human CRYM, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: THBP, Crystallin mu CRYM, DFNA 40, DFNA40, Mu crystallin homolog, NADP regulated thyroid hormone binding protein, OTTHUMP00000115878. NCBI no.: NP_001879

Molecular Weight: 35.9 kDa (334aa), confirmed by MALDI-TOF

Pathways: [Hormone Transport, Sensory Perception of Sound](#)

Application Details

Restrictions: For Research Use only

Handling

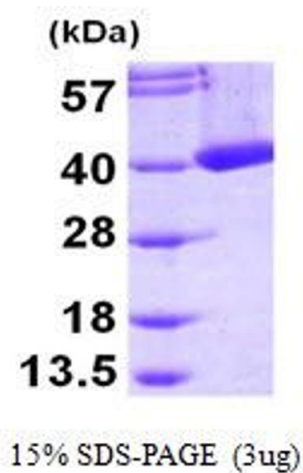
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.