

CRYM, 1-314aa, Human, His tag, E.coli

Cat.NO.: TP01730

3th Edition

Synonyms:Crystallin mu, THBP

Description: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.

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

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMSRVPAFLSAAEVEEHLRSSSLLIPPLETALANFSSGPEGGVMQPVRTVVPVTKH
RGYLGVMPAYSAE DALTTKLVT FYEDRGITSVVP SHQATVLLFEP SNGTLLAVMDGNVITAKRTAAVSAIATKFLKP
PSSEVLCILGAGVQAYSHYEIFTEQFSFKEVRIWNRTKENAEKFADTVQGEVRCSSVQEAVAGADVITVTLATEPI
LFG EWVKPGAHINAVGASRPDWRELDDELMKEAVLYVDSQE AALKESGDVLLSGAEIFAELGEVIKGVKPAHCEKT
TVFKSLGMAVEDTVA AKLIYDSWSSGK

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.