

RPPB3273

Product Information Protein Information

Product SKU:

RPPB3273

Accession:

Q14894

Host:

Escherichia Coli.

Protein description:

CRYM Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Ser2-Lys314) containing 322 amino acids including a 9 aa His tag at N-terminus. The total calculated molecular mass is 34.8kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Crystallin Mu, Thiomorpholine-Carboxylate Dehydrogenase, THBP, NADP-Regulated Thyroid-Hormone Binding Protein, NADP-Regulated Thyroid-Hormone-Binding Protein, Mu-Crystallin Homolog, EC 1.5.1.25, DFNA40, CRYM.

Formulation:

CRYM was filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. CRYM is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS RVP AFLSAAE VEEHLRSSL LIPLETALA NFSSGPEGGV MQPVRTVVPV TKHRGYLGVM
PAYSA AEDAL TTKLVTFYED RGITSVVPSH QATVLLFEPS NGTLLAVMDG NVITAKRTAA VSAIATKFLK
PPSSEVLCIL GAGVQAYSHY EIFTEQFSFK EVRIWNRTKE NAEKFADTVQ GEVRCSSVQ EAVAGADVII
TVTLATEPIL FGEVVKPGAH INAVGASRPD WRELDDELMK EAVLYVDSQE AALKESGDVL LSGAEIFAEI
GEVIKGVKPA HCEKTTVFKS LGMAVEDTVA AKLIYDSWSS GK.