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CRYGS, 1-178aa, Human, His tag, E.coli

产品货号: TP01729

第三版

别名: Beta-crystallin S, CRYG8.

描述: Crystallins are water soluble structural proteins found in the vertebrate eye. Mammalian crystallins are classified in three forms, designated alpha, beta and gamma. Crystallins, as the principal components of the lens, function to increase the refractive index of the eye during accommodation by forming high-molecular weight aggregates which maintain transparency.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

分子量: 23.6 kDa (202aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMSKTGKITFYEDKNFQGRRYDCDCDCADFHTYLSRCNSIKVEGGTWAVYERP
NFAGYMYILPQGEYPEYQRWMGLNDRLLSSCRAVHLPSSGGYKIQIFEKGFSGQMYETTEDCPSIMEQFHMREIHCKVL
EGVWIFYELPNYRGRQYLLDKKEYRKPIDWGAASPAVQSFRRIVE

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by BCA)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.