

CRYBA4, 1-196aa, Human, His tag, E.coli

Cat.NO.: TP01724

3th Edition

Synonyms: Beta-crystallin A4, MCOPCT4.

Description: CRYBA4, also known as Beta-crystallin A4, belongs to the beta/gamma-crystallin family that are the dominant structural components of the vertebrate eye lens. Beta-crystallins form aggregates of different sizes and are able to self-associate to form dimers or to form heterodimers with other beta-crystallins.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

Molecular Weight: 24.5 kDa(216aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMTLQCTKSAGPWKMVVWDEDEGFGQRRHEFTAECPVLELGFETVRSCLKVLSGA
WVGFEHAGFQGQQYILERGEYPSWDAWGGNTAYPAERLTSFRPAACANHRDSRLTIFEQENFLGKKGELSDDYP
SLQAMGWEGNEVGSFHVHSGAWVCSQFPGYRGFYVLECDHHS GDYKHFREWGSHAPTFQVQSIRRIQQ

Purity: > 95% by HPLC

Concentration: 1.0 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.