

Recombinant Human Alpha-crystallin B chain(CRYAB)

Catalog No: #AP70192

Package Size: #AP70192-1 20ug #AP70192-2 100ug #AP70192-3 1mg

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Description

Product Name	Recombinant Human Alpha-crystallin B chain(CRYAB)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-175aaSequence Info:Full Length
Other Names	Alpha(B)-crystallinHeat shock protein beta-5 ;HspB5Renal carcinoma antigen NY-REN-27Rosenthal fiber component
Accession No.	P02511
Calculated MW	36.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAPSWFDTGLSEMRLEKDR FSVNLDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGFISREFHRKYRIPADVDPLTITSSLSDDGVLTVNGP RKQVSGPERTIPITREEKPAVTAAPKK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions.

References

The primary structure of the B2 chain of human alpha-crystallin.Kramps J.A., de Man B.M., de Jong W.W.FEBS Lett. 74:82-84(1977)Research
Topic:Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.