

# Human CRYAA/CRYA1/HSPB4 (His tag) recombinant protein



Catalog Number: 518469

## General Information

### Gene Name Synonym

Alpha-Crystallin A Chain; Heat Shock Protein Beta-4; HspB4; Alpha-Crystallin A Chain, Short Form; CRYAA; CRYA1; HSPB4

### Protein Construction

A DNA sequence encoding the Human CRYAA/CRYA1/HSPB4 Met1-Ser173 is expressed with a 6His tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Formulation

Lyophilized from a 0.2 µm filtered solution of PBS, 2mM EDTA, pH 8.0.

## Usage Guide

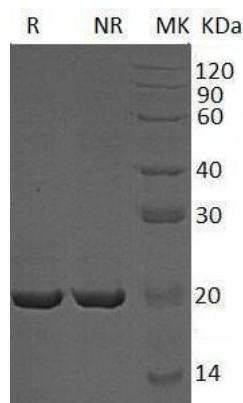
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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