

## General Information

### Gene Name Synonym

Caspase-14, CASP-14, CASP14

### Protein Construction

A DNA sequence encoding the Human CASP14 Ser2-Gln242 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  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

### Formulation

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of  $20\text{mM PB}\square 150\text{mM NaCl, pH}7.4$ .

## Usage Guide

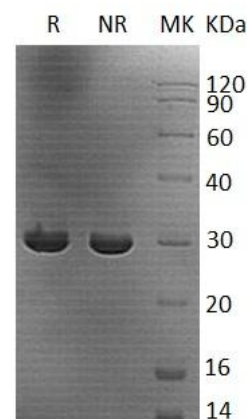
### Storage

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  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  $100\ \mu\text{g/ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



Human CASP14 (His tag) recombinant protein