

## General Information

### Gene Name Synonym

Carbonic Anhydrase-Related Protein, CARP,  
Carbonic Anhydrase VIII, CA-VIII, CA8, CALS

### Protein Construction

A DNA sequence encoding the Human CA8/CALS Ala2-Gln290 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 6 months at  $-20^{\circ}\text{C}$

### Formulation

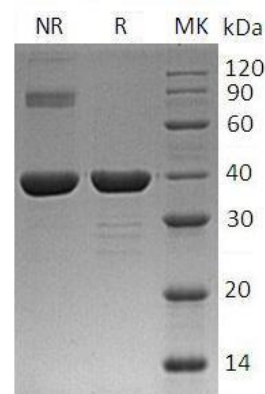
Supplied as a  $0.2\ \mu\text{m}$  filtered solution of 20mM TrisHCl, 500mM NaCl, 1mM DTT, pH 8.5 .

## Usage Guide

### Storage

Store at  $<-20^{\circ}\text{C}$ , minimize freeze-thaw cycles.

### SDS-PAGE



Human CA8/CALS (His tag) recombinant protein