

# Human CBR3 / HCBR3 / Carbonyl Reductase 3 (His Tag) recombinant protein



Catalog Number: 502769

## General Information

### Gene Name Synonym

NADPH-dependent carbonyl reductase 3; Short chain dehydrogenase/reductase family 21C member 2

### Protein Construction

A DNA sequence encoding the human CBR3 (O75828) (Met1-Trp277) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

### Molecular Mass

The recombinant human CBR3 consists of 292 amino acids and predicts a molecular mass of 32.7 KDa. It migrates as an approximately 37 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50 mM Tris, 10% glycerol, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

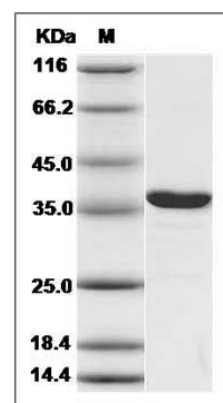
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human CBR3 / HCBR3 / Carbonyl Reductase 3 Protein (His Tag) SDS-PAGE