

# Human TRP1 / TYRP1 (His Tag) recombinant protein



Catalog Number: 503640

## General Information

### Gene Name Synonym

Catalase B; Glycoprotein 75; Melanoma antigen gp75; Tyrosinase-related protein 1

### Protein Construction

A DNA sequence encoding the human TYRP1 (P17643) extracellular domain (Met 1- Arg 471) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Gln 25

### Molecular Mass

The secreted recombinant human TYRP1 comprises 458 amino acids and has a predicted molecular mass of 52.2 kDa. The apparent molecular mass of rh TYRP1 is approximately 66 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

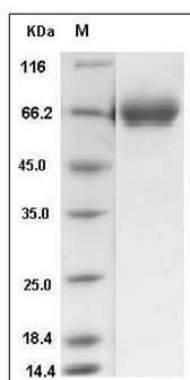
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 TRP1 / TYRP1 Protein (His Tag) SDS-PAGE