

# Mouse TGFBR3 / Betaglycan (His Tag) recombinant protein



Catalog Number: 504260

## General Information

### Gene Name Synonym

CD167 antigen-like family member B;  
Neurotrophic tyrosine kinase, receptor-related 3;  
Receptor protein-tyrosine kinase TKT; Tyrosine-  
protein kinase TYRO10

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse TGFBR3 (NP\_072075.2) (Met 1-Arg 399) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### 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

Gly 23

### Molecular Mass

The recombinant mouse TGFBR3 consists of 774 amino acids and has a predicted molecular mass of 86.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmTGFBR3 is approximately 80-90 kDa 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

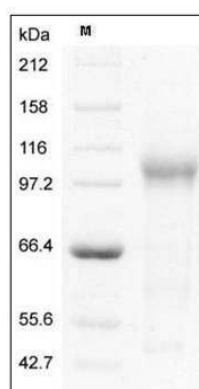
### Storage

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



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SDS-PAGE