

# Human TNFRSF21/DR6 (Fc Tag) recombinant protein



Catalog Number: 503781

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Leu 350) of human DR6 (NP\_055267.1) precursor was expressed with the fused Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant human DR6-Fc (Cat:503781) at 10 µg/mL (100 µl/well) can bind biotinylated human APP-Fc (Cat:501404) with a linear range of 0.03-0.25 µg/mL.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Gln 42

### Molecular Mass

The recombinant human DR6/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 547 amino acids and predicts a molecular mass of 60.3 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhDR6/Fc monomer is approximately 95-100 kDa due to the 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

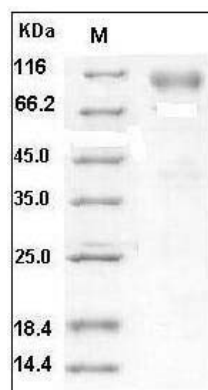
### Storage

Store it under sterile conditions at -20°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 DR6 / TNFRSF21 Protein (Fc Tag) SDS-PAGE