Human TNFRSF21/DR6 (His Tag) recombinant protein

Catalog Number: 503620

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Leu 350) of human DR6 (NP_055267.1) was expressed with a polyhistidine tag 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-his (Cat:503620) at 10 μg/mL (100 μl/well) can bind biotinylated human APP-Fc (Cat:501404) with a linear range of 0.0125-0.4 μg/mL.

Purity

> 96 % 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℃

Predicted N terminal

Gln 42

Molecular Mass

The recombinant human DR6 consists of 320 amino acids and predicts a molecular mass of 35 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh DR6 is approximately 50-60 kDa due to the glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

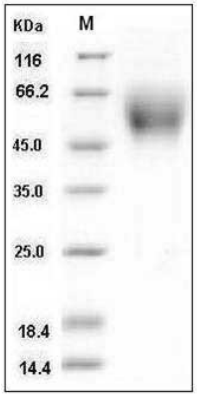
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 (His Tag) SDS-PAGE