Mouse NGFR/P75 (His Tag) recombinant protein

Catalog Number: 503336



General Information

Gene Name Synonym

Low affinity neurotrophin receptor p75NTR; Lowaffinity nerve growth factor receptor

Protein Construction

A DNA sequence encoding the extracellular domain of mouse NGFR (Q9Z0W1) (Met 1-Asn 243), without the propertide, was fused with a Cterminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Lys 22

Molecular Mass

The secreted recombinant mouse NGFR comprises 233 amino acids and has a calculated molecular mass of 25 kDa. The apparent molecular mass of rmNGFR is approximately 50-55 kDa in SDS-PAGE under reducing conditions.

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

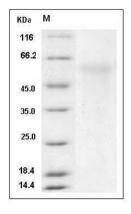
Storage

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



Mouse NGFR / P75 Protein (His Tag) SDS-PAGE