Catalog Number: 502410

# **Novo**Pro

# **General Information**

## Gene Name Synonym

GDNF receptor beta; Neurturin receptor alpha; TGF-beta-related neurotrophic factor receptor 2

## **Protein Construction**

A DNA sequence encoding the mouse GFR?2 (NP\_032141.2) (Met 1-Ser 441) without the propeptide was expressed, fused with a polyhistidine tag at the C-terminus.

## Organism

Mouse

## **Expression Host**

Human Cells

## **QC Testing**

## Purity

> 85 % as determined by SDS-PAGE

## Endotoxin

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

## Stability

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

## **Predicted N terminal**

Ser 22

## **Molecular Mass**

The secreted recombinant mouse GFR?2 consists

of 431 amino acids and has a calculated molecular mass of 48.5 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.41. 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**

KDa	М	
116	-	
66.2	- 1	
45.0	-	
35.0	-	
25.0	-	
18.4	-	
14.4	-	

Mouse GFRA2 / GFR?2 / GDNFRB Protein (His Tag) SDS-PAGE