# Human GPR133/ADGRD1 (His Tag) recombinant protein

Catalog Number: 500671



# **General Information**

# Gene Name Synonym

G-protein coupled receptor PGR25

#### **Protein Construction**

A DNA sequence encoding the human GPR133 (NP\_942122.2) (Met1-Ser570) was expressed with a polyhistidine tag at the C-terminus.

# **Organism**

Human

#### **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 90 % as determined by SDS-PAGE.

# Endotoxin

< 1.0 EU per  $\mu g$  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**

Val 26

# **Molecular Mass**

The recombinant human GPR133 consists 556 amino acids and predicts a molecular mass of 61.5 kDa.

#### **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**

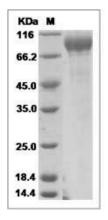
# **Storage**

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**



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