# Human DRAXIN/C1orf187 (His Tag) recombinant protein

Catalog Number: 502707



#### **General Information**

# Gene Name Synonym

Dorsal inhibitory axon guidance protein; Dorsal repulsive axon guidance protein; Neucrin

#### **Protein Construction**

A DNA sequence encoding the human DRAXIN (NP\_940947.3) (Met1-Val349) was expressed with a polyhistidine tag at the C-terminus.

# **Organism**

Human

# **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°C

#### Predicted N terminal

Gly 26

#### **Molecular Mass**

The recombinant human DRAXIN consists of 335 amino acids and predicts a molecular mass of 37.5 KDa. It migrates as an approximately 52-58 KDa band 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**

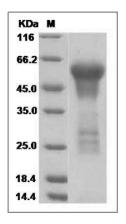
# **Storage**

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**



Human DRAXIN Protein (His Tag) SDS-PAGE