# Human CLDN11 / Claudin-11 (Fc Tag) recombinant protein

Catalog Number: 502834



#### **General Information**

### Gene Name Synonym

Oligodendrocyte-specific protein

#### **Protein Construction**

A DNA sequence encoding the human CLDN11 (O75508) (Val23-Arg82) was expressed with the Fc region of mouse IgG1 at the N-terminus.

#### **Organism**

Human

## **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 90 % 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  $^{\circ}\text{C}$ 

#### Predicted N terminal

Asp

#### Molecular Mass

The recombinant human CLDN11/mFc comprises

296 amino acids and has a predicted molecular mass of 33.2 kDa. The apparent molecular mass of the monomer is approximately 37 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### **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**

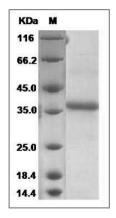
#### **Storage**

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 CLDN11 / Claudin-11 Protein (Fc Tag) SDS-PAGE