# Mouse CXADR / CAR (His Tag) recombinant protein

Catalog Number: 504272



## **General Information**

## **Protein Construction**

A DNA sequence encoding the mouse CXADR (NP\_001020363.1) extracellular domain (Met 1-Gly 237) was fused with a polyhistidine tag at the C-terminus.

# **Organism**

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by the ability of the immobilized protein to support the adhesion of mouse neutrophils. When 5 x 10E4 cells/well are added to CXADR coated plates (4  $\mu$ g/ml and 100  $\mu$ l/well), approximately 20%-40% will adhere specifically after 60 minutes at 37°C.

#### **Purity**

> 95 % 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

Leu 20

#### Molecular Mass

The secreted recombinant mouse CXADR consists of 229 amino acids and has a predicted molecular mass of 25.7 kDa. As a result of glycosylation, rmCXADR migrates as an approximately 35 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**

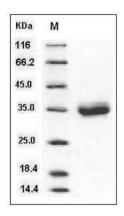
## **Storage**

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**



Mouse CXADR Protein (His Tag) SDS-PAGE