

Human CD89/FCAR (His Tag) recombinant protein



Catalog Number: 501469

General Information

Protein Construction

A DNA sequence encoding the pro form of human FCAR extracellular domain (NP_001991.1) (Met 1-Asn 227) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human IgA in functional Elisa.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Gln 22

Molecular Mass

The secreted recombinant human CD89 is a monomeric protein consisting of 217 amino acids and predicts a molecular mass of 25 kDa. The apparent molecular mass of rhCD89 is approximately 45-50 kDa 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

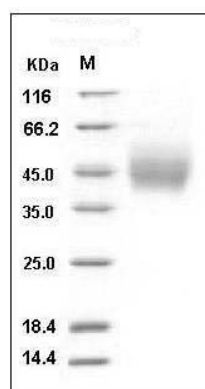
Storage

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 CD89 / FCAR Protein (His Tag) SDS-PAGE