

Human CD38 (His & FLAG Tag) recombinant protein



Catalog Number: 504219

General Information

Gene Name Synonym

2'-phospho-ADP-ribosyl cyclase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; Cyclic ADP-ribose hydrolase 1; T10

Protein Construction

A DNA sequence encoding the extracellular domain of human CD38 (NP_001766.2) (Val 43 - Ile 300) was fused with a polyhistidine tag and a flag tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 93 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

His

Molecular Mass

The secreted recombinant human CD38 comprises 285 amino acids with a predicted molecular mass of 33.2 kDa. As a result of glycosylation, rhCD38 migrates as an approximately 42-45 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

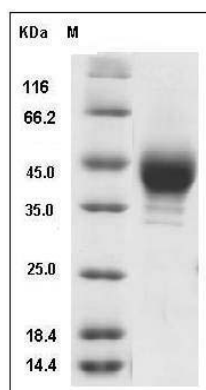
Storage

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 CD38 Protein (His & FLAG Tag) SDS-PAGE