

General Information

Protein Construction

A DNA sequence encoding the rat NCAM1 (P13596-1) (Met1-Thr721) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Leu 20

Molecular Mass

The recombinant rat NCAM1 comprises 713 amino acids and predicts a molecular mass of 79.2 kDa. The apparent molecular mass of the recombinant protein is approximately 114-118 kDa in SDS-

PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile
50 mM Tris, 0.15M NaCl, pH 8.0.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

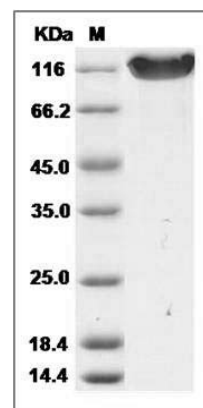
Storage

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



Rat NCAM1 / CD56 Protein (His Tag) SDS-PAGE