

Rat SIRP alpha/CD172a (His Tag) recombinant protein



Catalog Number: 500518

General Information

Gene Name Synonym

Brain Ig-like molecule with tyrosine-based activation motifs; CD172 antigen-like family member A; Inhibitory receptor SHPS-1; Macrophage fusion receptor; Macrophage membrane protein MFP150; Signal-regulatory protein alpha-1

Protein Construction

A DNA sequence encoding the rat SIRPA (P97710) (Met1-Asn373) 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

Lys 32

Molecular Mass

The recombinant rat SIRPA comprises 353 amino acids and predicts a molecular mass of 39 kDa. The apparent molecular mass of the recombinant protein is approximately 63-80 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

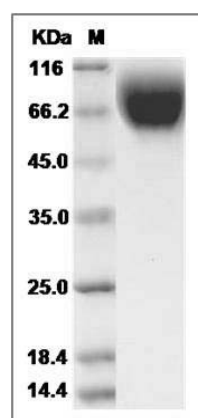
Storage

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



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