

Mouse B7-H4/B7S1/B7x (Fc Tag) recombinant protein



Catalog Number: 501081

General Information

Gene Name Synonym

B7 homolog 4; Immune costimulatory protein B7-H4; Protein B7S1; T cell costimulatory molecule B7x

Protein Construction

A DNA sequence encoding the mature form of mouse B7H4 (Q7TSP5) (phe 29-Ser 256) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

phe 29

Molecular Mass

The secreted recombinant mouse B7H4/Fc is a

disulfide-linked homodimer. The reduced monomer comprises 469 amino acids and has a calculated molecular mass of 52.2 kDa. The apparent molecular mass of rmB7H4/Fc monomer is approximately 70-75 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

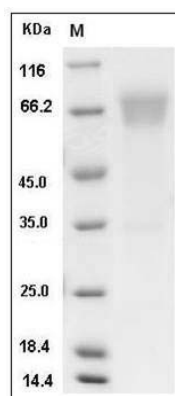
Storage

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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