

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



Catalog Number: 502795

General Information

Gene Name Synonym

B7 homolog 4; B7h.5; Immune costimulatory protein B7-H4; Protein B7S1; T-cell costimulatory molecule B7x

Protein Construction

A DNA sequence encoding the human VTCN1 (Q7Z7D3-1) (Phe29-Ala258) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

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

Phe 29

Molecular Mass

The recombinant human VTCN1/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 471 amino acids and has a predicted molecular mass of 52.3 kDa. The apparent molecular mass of the protein is approximately 66-76 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

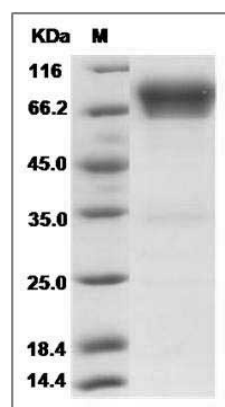
Storage

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 B7-H4 / B7S1 / B7x Protein (Fc Tag) SDS-PAGE