

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 mouse Vtcn1 (Q7TSP5) (Phe29-Ser256) was expressed with six amino acids (LEVLFQ) at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg 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 mouse Vtcn1 consists 235 amino acids and predicts a molecular mass of 26 kDa.

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

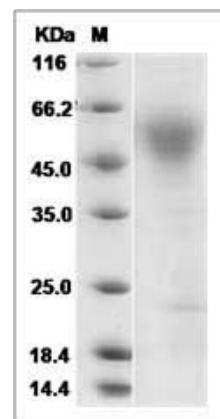
Store it under sterile conditions at -20°C to -80°C.

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



Mouse B7-H4 / B7S1 / B7x / VTCN1 Protein SDS-PAGE