

# Human TSPAN8/TM4SF3 (Fc Tag) recombinant protein



Catalog Number: 503182

## General Information

### Gene Name Synonym

Transmembrane 4 superfamily member 3; Tumor-associated antigen CO-029

### Protein Construction

A DNA sequence encoding the human TSPAN8 (P19075) (Lys110-Asn205) was expressed with the Fc region of mouse IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp

### Molecular Mass

The recombinant human TSPAN8/mFc comprises

332 amino acids and has a predicted molecular mass of 37.6 kDa. The apparent molecular mass of the monomer is approximately 46 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

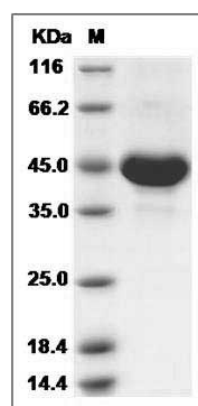
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 TSPAN8 / Tetraspanin 8 / TM4SF3 Protein (Fc Tag) SDS-PAGE