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Datasheet for ABIN7275804

Tspan-8 Protein (AA 110-205) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	Tspan-8 (TSPAN8)
Protein Characteristics:	AA 110-205
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tspan-8 protein is labelled with Fc Tag.

Product Details

Purpose:	Human TSPAN8 Protein
Sequence:	Lys110-Asn205
Characteristics:	Recombinant Human TSPAN8 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Lys110-Asn205.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Tspan-8 (TSPAN8)
Alternative Name:	TSPAN8 (TSPAN8 Products)

Target Details

Background: Tetraspanin 8 (TSPAN8) is a member of the tetraspanin superfamily that forms TSPAN8-mediated protein complexes by interacting with themselves and other various cellular signaling molecules. In physiological conditions, TSPAN8 plays a vital role in the regulation of biological functions, including leukocyte trafficking, angiogenesis and wound repair.

Molecular Weight: 37.30 kDa. Due to glycosylation, the protein migrates to 43-48 kDa based on Tris-Bis PAGE result.

UniProt: [P19075](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

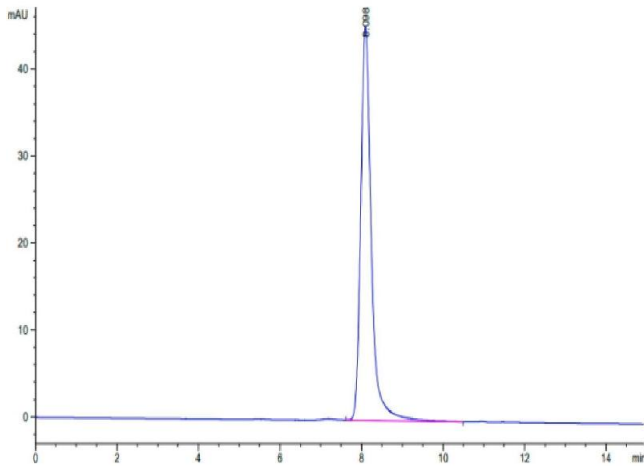
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

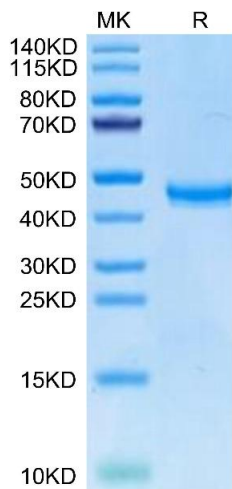
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human TSPAN8 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human TSPAN8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .