

Datasheet for ABIN7275555

**SECTM1 Protein (AA 29-145) (Fc Tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	SECTM1
Protein Characteristics:	AA 29-145
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SECTM1 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human SECTM1 Protein
Sequence:	Gln29-Gly145
Characteristics:	Recombinant Human SECTM1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln29-Gly145.
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:	SECTM1
Alternative Name:	SECTM1 ( <a href="#">SECTM1 Products</a> )

## Target Details

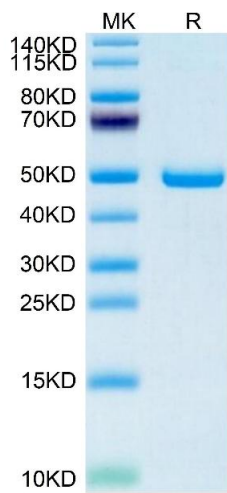
Background:	SECTM1 is a T/NK cell "co-stimulatory" molecule that is expressed in the peripheral blood by neutrophils and monocytes. Human monocytic cells also displayed a pronounced negative regulation of SECTM1 mRNA expression by LPS, while at the protein level SECTM1 expression was also shown to be regulated by IFN and LPS. This tight regulation of SECTM1 gene expression and rapid upregulation highlights its relevance in the innate immune response.
Molecular Weight:	39.4 kDa. Due to glycosylation, the protein migrates to 47-50 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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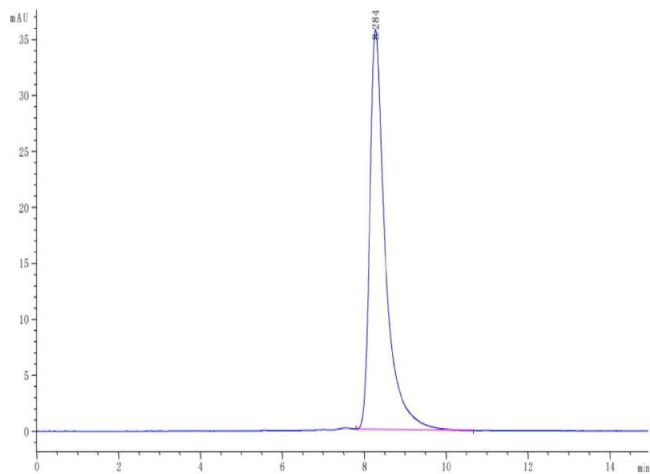
## Handling

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



SDS-PAGE

**Image 1.** Human SECTM1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human SECTM1 is greater than 95 % as determined by SEC-HPLC.