Active Recombinant Human SECTM1 protein, hFc&His-tagged

Cat. No. SECTM1-1273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SECTM1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln29-Gly145) of human SECTM1 (Accession #NP_002995.1) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln29-Gly145
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD7 Protein at 1 μg/mL (100 μL/well) can bind SECTM1 with a linear range of 0.039-1.575 ng/mL.2.Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8×104 cells/well are added to SECTM1 coated plates (5 μg/mL and 100 μL/well) in the ppresence of 10μg/ml PHA, approximately 40-50% cells will adhere specifically after 60 minutes at 37°C.
Molecular Mass	55 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.

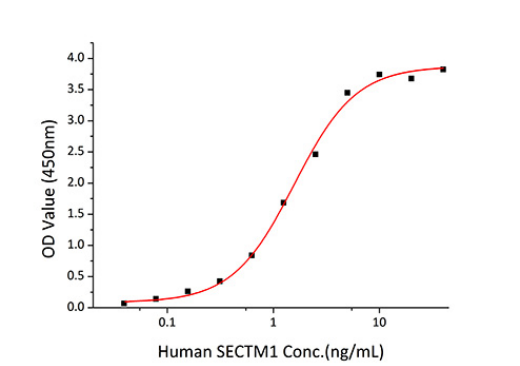
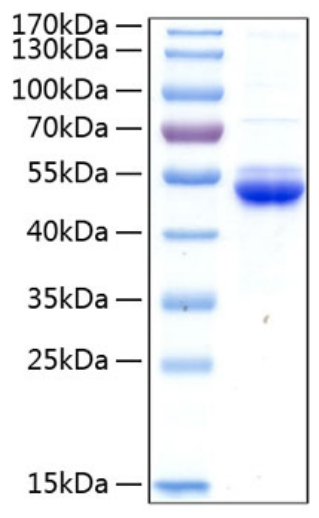
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Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name	SECTM1 secreted and transmembrane 1 [Homo sapiens]
Official Symbol	SECTM1
Synonyms	SECTM1; secreted and transmembrane 1; secreted and transmembrane protein 1; K12; K12 protein; type 1a transmembrane protein;
Gene ID	6398
mRNA Refseq	NM_003004
Protein Refseq	NP_002995
MIM	602602
UniProt ID	Q8WVN6

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Activity	
SDS-PAGE	

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