

Recombinant Human SECTM1 protein, His-tagged

Cat. No. SECTM1-3967H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SECTM1 (Gln29-Gly145) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Gln29-Gly145
Description	Secreted and transmembrane protein 1 (SECTM1) is also known as Protein K-12, which belongs to the SECTM family, which is induced by IFNG/IFN-gamma (at protein level). SECTM1 is detected at the highest levels in peripheral blood leukocytes and breast cancer cell lines. SECTM1 may be involved in thymocyte signaling.
Predicted N Terminal	Gln29
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 13.5 kDa. The protein migrates as 18-23 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>92% as determined by SDS-PAGE.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 20 to -70 centigrade for 12 months in lyophilized state;
- 70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

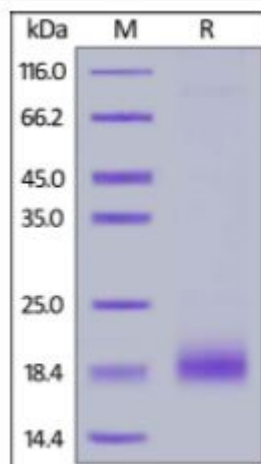
Gene Name	SECTM1
Official Symbol	SECTM1
Synonyms	SECTM1; secreted and transmembrane 1; secreted and transmembrane protein 1; K12; K12 protein; type 1a transmembrane protein
Gene ID	6398
mRNA Refseq	NM_003004
Protein Refseq	NP_002995
MIM	602602
UniProt ID	Q8WVN6

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**SDS-PAGE of
SECTM1-3967H**



Human SECTM1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 92%.