

Product datasheet for **TP726627**

Sectm1a Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse SECTM1A (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln28 [→] Thr165
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse Secreted And Transmembrane Protein 1A is produced by our Mammalian expression system and the target gene encoding Gln28 [→] Thr165 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	209588
Synonyms:	SECTM1A; Sectm1a
Summary:	SECTM1A (secreted and transmembrane 1A), is 192 amino acid (aa) protein, appears to share structural and functional characteristics with other SECTM1 proteins. Human SECTM1 can be found either found as an approximately 27 kDa intracellular type I transmembrane protein that shows a perinuclear, Golgi like staining pattern, or as a 20 kDa soluble, secreted form, and is produced by some myeloid cells and by thymic epithelia and fibroblasts. Stimulation with IFN gamma is often necessary to detect human SECTM1 expression, and it is thought to be an interferon early response gene. Mouse SECTM1A cDNA encodes a signal sequence, an extracellular domain with four potential N linked glycosylation sites, a transmembrane sequence, and a very short (approximately 6 aa) cytoplasmic sequence. SECTM1 proteins from human and mouse show species specific binding of CD7 and co stimulation of T cells, including enhancement of CD3 induced proliferation.



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