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Datasheet for ABIN7320896
SECTM1A Protein (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	SECTM1A
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SECTM1A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse SECTM1A (C-6His)
Sequence:	Gln28-Thr165
Characteristics:	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.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SECTM1A
Alternative Name:	SECTM1A (SECTM1A Products)
Background:	Background: SECTM1A (secreted and transmembrane 1A), is 192 amino acid (aa) protein, appears to share structural and functional characteristics with other SECTM1 proteins. Human

Target Details

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.

Synonym: SECTM1A, Sectm1a

Molecular Weight: 16.2 kDa

UniProt: [A2ABP9](#)

Application Details

Restrictions: For Research Use only

Handling

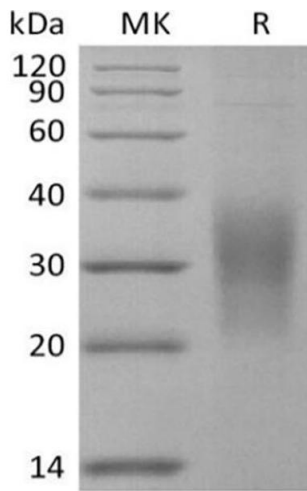
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.