

SECTM1 Protein, Human (HEK293, hFc)

Cat. No.:	HY-P72032
Synonyms:	Protein K-12; K12;
Species:	Human
Source:	HEK293
Accession:	Q8WVN6 (Q29-G145)
Gene ID:	6398
Molecular Weight:	Approximately 46 kDa

PROPERTIES

AA Sequence	<p>Q N E G W D S P I C T E G V V S V S W G E N T V M S C N I S N A F S H V N I K L</p> <p>R A H G Q E S A I F N E V A P G Y F S R D G W Q L Q V Q G G V A Q L V I K G A R</p> <p>D S H A G L Y M W H L V G H Q R N N R Q V T L E V S G A E P Q S A P D T G</p>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CD7 at 0.5 µg/well can bind human SECTM1 at 0.076924-1000 ng/mL, the EC ₅₀ is 2.034-4.582 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of PBS, 6% Trehalose, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The SECTM1 protein appears to play a potential role in thymocyte signaling, suggesting its involvement in the complex regulatory mechanisms within the thymus. Its interaction with CD7 further underscores its role in these cellular processes, hinting at a possible influence on the signaling pathways associated with thymocytes. The significance of SECTM1 in the context of thymocyte function and its interaction with CD7 implies a potential role in modulating immune responses and cellular communication within the thymic microenvironment.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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