

Mouse TOM1-Like Protein 1 (TOM1L1) ELISA Kit | TOM1L1 elisa kit

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CATALOG #
AAA332092

REACTIVITY
Mouse

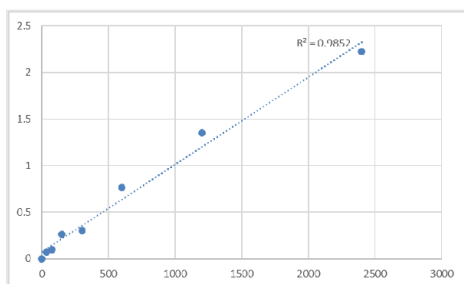
PRODUCT SYNONYMS

TOM1-Like Protein 1 (TOM1L1); Mouse TOM1-Like Protein 1 (TOM1L1) ELISA Kit; TOM1L1; OK/KNS-CL.3; SRCASM; Src activating and signaling molecule; target of myb 1-like 1; target of myb1-like 1; TOM1L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse TOM1-like protein 1 (TOM1L1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TOM1L1. No significant cross-reactivity or interference between Mouse TOM1L1 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse TOM1-like protein 1 (TOM1L1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TOM1L1 elisa kit	Description: This Mouse TOM1-like protein 1 (TOM1L1) ELISA Kit employs a two-site sandwich ELISA to quantitate TOM1L1 in samples. An antibody specific for TOM1L1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOM1L1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TOM1L1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TOM1L1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Mice hypomorphic for Tom1l2 exhibited numerous infections and tumors compared to wild-type littermates. Associated with this increased risk for infection and tumor formation, apparently healthy Tom1l2 hypomorphs also had splenomegaly, elevated B- and T-cell counts, and an impaired humoral response, although at a reduced penetrance. Furthermore, cellular localization studies showed that a Tom1l2-GFP fusion protein colocalizes with Golgi compartments, supporting the role of Tom1l2 in cellular trafficking, while molecular modeling and bioinformatic analysis of Tom1l2 illustrated a structural basis for a functional role in trafficking. These results indicate a role for Tom1l2 in the immune response and possibly in tumor suppression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	568975925
NCBI GeneID	71943
UniProt Accession #	Q923U0
NCBI Official Synonym Full Names	target of myb1-like 1 (chicken)
NCBI Official Symbol	Tom1l1
NCBI Official Synonym Symbols	C80573; Srcasm; 2310045L10Rik
NCBI Protein Information	TOM1-like protein 1
UniProt Protein Name	TOM1-like protein 1
UniProt Gene Name	Tom1l1
UniProt Synonym Gene Names	Srcasm
UniProt Entry Name	TM1L1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.