

Mouse TOM1-Like Protein 2 (TOM1L2) ELISA Kit | TOM1L2 elisa kit

Mouse TOM1-Like Protein 2 (TOM1L2) ELISA Kit

CATALOG #
AAA332091

REACTIVITY
Mouse

PRODUCT SYNONYMS

TOM1-Like Protein 2 (TOM1L2); Mouse TOM1-Like Protein 2 (TOM1L2) ELISA Kit; TOM1L2; FLJ32746; target of myb1-like 2; TOM1L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse TOM1-like protein 2 (TOM1L2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TOM1L2. No significant cross-reactivity or interference between Mouse TOM1L2 and analogues was observed.
Sequence Length	487
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 2 (TOM1L2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TOM1L2 elisa kit	Description: This Mouse TOM1-like protein 2 (TOM1L2) ELISA Kit employs a two-site sandwich ELISA to quantitate TOM1L2 in samples. An antibody specific for TOM1L2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOM1L2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TOM1L2 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 TOM1L2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein import machinery of the mitochondrial outer membrane is comprised of a dynamic complex of proteins that mediates translocation of cytosolic precursor proteins into or across the membrane. Several proteins within this complex have been identified, such as Mas20p in yeast and MOM19 in Neurospora crassa. The 145-amino acid human polypeptide shares high similarity with Mas20p and MOM19 within the N-terminal region, but exhibits only weak homology to the tetratricopeptide-repeat B domain that is found in the other 2 proteins. The authors showed that human Mas20p is targeted and inserted into the outer membrane of isolated rat heart mitochondria in the N(in)-to-C(cyto) orientation.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	84875524
NCBI GeneID	216810
NCBI Accession #	NP_001034181.1
NCBI GenBank Nucleotide #	NP_001034181.1
UniProt Accession #	Q5SRX1
NCBI Official Full Name	TOM1-like protein 2 isoform b
NCBI Official Synonym Full Names	target of myb1-like 2 (chicken)
NCBI Official Symbol	Tom1l2
NCBI Official Synonym Symbols	Srebf1; AU042072; 2900016I08Rik; A730055F12Rik
NCBI Protein Information	TOM1-like protein 2
UniProt Protein Name	TOM1-like protein 2
UniProt Gene Name	Tom1l2
UniProt Entry Name	TM1L2_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.