

Human Mitochondrial Import Receptor Subunit TOM40B (TOMM40L) ELISA Kit | TOMM40L elisa kit

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CATALOG #
AAA330384

REACTIVITY
Human

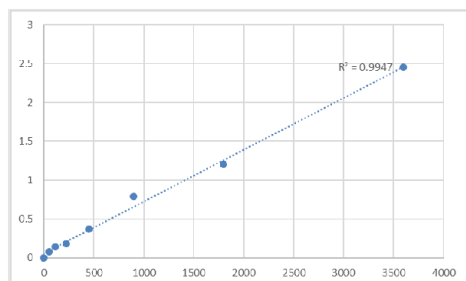
PRODUCT SYNONYMS

Mitochondrial Import Receptor Subunit TOM40B (TOMM40L); Human Mitochondrial Import Receptor Subunit TOM40B (TOMM40L) ELISA Kit; TOMM40L; FLJ12770; RP11-297K8.10; TOMM40B; OTTHUMP00000032243; translocase of outer mitochondrial membrane 40 homolog-like; TOMM40L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mitochondrial import receptor subunit TOM40B (TOMM40L) ELISA Kit has high sensitivity and excellent specificity for detection of Human TOMM40L. No significant cross-reactivity or interference between Human TOMM40L and analogues was observed.
Sequence Length	274
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. Human Mitochondrial import receptor subunit TOM40B (TOMM40L) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TOMM40L elisa kit	Description: This Human Mitochondrial import receptor subunit TOM40B (TOMM40L) ELISA Kit employs a two-site sandwich ELISA to quantitate TOMM40L in samples. An antibody specific for TOMM40L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TOMM40L present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TOMM40L 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 TOMM40L bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TOMM40L belongs to the Tom40 family. Potential channel-forming protein implicated in import of protein precursors into mitochondria. TOMM40 is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for protein import into mitochondria.Extraction and antibody-accessibility studies suggested that Tomm40 is embedded within the mitochondrial membrane.Tomm40 was associated with a 400-kD complex containing the mitochondrial import receptors Tom20 and Tom22 and several smaller components. Mitochondria-targeted preproteins interacted with the Tomm40-containing complex during their transit to the mitochondrial matrix, and immunodepletion of Tomm40 caused the loss of preprotein import activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	556503392
NCBI GeneID	84134
NCBI Accession #	NP_001273302.1
NCBI GenBank Nucleotide #	NP_001273302.1
UniProt Accession #	Q969M1
NCBI Official Full Name	mitochondrial import receptor subunit TOM40B isoform 2
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 40 like
NCBI Official Symbol	TOMM40L
NCBI Official Synonym Symbols	TOMM40B
NCBI Protein Information	mitochondrial import receptor subunit TOM40B
UniProt Protein Name	Mitochondrial import receptor subunit TOM40B
UniProt Gene Name	TOMM40L
UniProt Synonym Gene Names	TOMM40B
UniProt Entry Name	TM40L_HUMAN

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.