

Human Microtubule-Associated Tumor Suppressor 1 (MTUS1) ELISA Kit | MTUS1 elisa kit

Human Microtubule-Associated Tumor Suppressor 1 (MTUS1) ELISA Kit

CATALOG #
AAA331631

REACTIVITY
Human

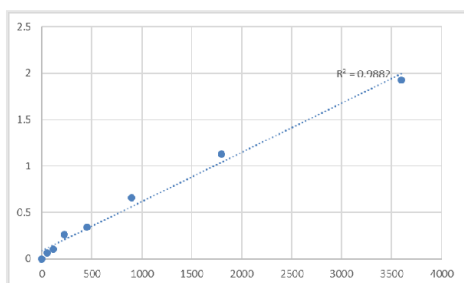
PRODUCT SYNONYMS

Microtubule-Associated Tumor Suppressor 1 (MTUS1); Human Microtubule-Associated Tumor Suppressor 1 (MTUS1) ELISA Kit; MTUS1; ATBP; ATIP; DKFZp586D1519; DKFZp686F20243; FLJ14295; KIAA1288; MP44; MTSG1; AT2 receptor-interacting protein; AT2R binding protein; erythroid differentiation-related; mitochondrial tumor suppressor 1; m; MTUS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Microtubule-associated tumor suppressor 1 (MTUS1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MTUS1. No significant cross-reactivity or interference between Human MTUS1 and analogues was observed.
Sequence Length	1270
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 Microtubule-associated tumor suppressor 1 (MTUS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MTUS1 elisa kit	Description: This Human Microtubule-associated tumor suppressor 1 (MTUS1) ELISA Kit employs a two-site sandwich ELISA to quantitate MTUS1 in samples. An antibody specific for MTUS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MTUS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MTUS1 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 MTUS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MTUS1 encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for MTUS1. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1386876321
NCBI GeneID	57509
NCBI Accession #	NP_001349988.1
NCBI GenBank Nucleotide #	NP_001349988.1
UniProt Accession #	Q9ULD2
NCBI Official Full Name	microtubule-associated tumor suppressor 1 isoform 1
NCBI Official Synonym Full Names	microtubule associated scaffold protein 1
NCBI Official Symbol	MTUS1
NCBI Official Synonym Symbols	ATBP; ATIP; ICIS; MP44; ATIP3; MTSG1
NCBI Protein Information	microtubule-associated tumor suppressor 1
UniProt Protein Name	Microtubule-associated tumor suppressor 1
UniProt Gene Name	MTUS1
UniProt Synonym Gene Names	ATBP; ATIP; GK1; KIAA1288; MTSG1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/microtubule-associated-tumor-suppressor-1-mtus1/331631>