

Mouse Trinucleotide Repeat-Containing Gene 6B Protein (TNRC6B) ELISA Kit | TNRC6B elisa kit

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CATALOG # AAA332101	REACTIVITY Mouse
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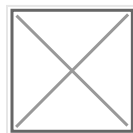
PRODUCT SYNONYMS

Trinucleotide Repeat-Containing Gene 6B Protein (TNRC6B); Mouse Trinucleotide Repeat-Containing Gene 6B Protein (TNRC6B) ELISA Kit; TNRC6B; RP5-1042K10.7; KIAA1093; OTTHUMP00000199175; TNRC6B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Trinucleotide repeat-containing gene 6B protein (TNRC6B) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNRC6B. No significant cross-reactivity or interference between Mouse TNRC6B and analogues was observed.
Sequence Length	1810
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 Trinucleotide repeat-containing gene 6B protein (TNRC6B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNRC6B elisa kit	Description: This Mouse Trinucleotide repeat-containing gene 6B protein (TNRC6B) ELISA Kit employs a two-site sandwich ELISA to quantitate TNRC6B in samples. An antibody specific for TNRC6B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNRC6B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNRC6B 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 TNRC6B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 1,203-amino acid protein contains an RNA recognition motif. RT-PCR ELISA detected moderate expression in all tissues and specific brain regions examined, with highest expression in cerebellum. Schneider et al. (2006) stated that the 1,727-amino acid TNRC6B protein contains a glycine/tryptophan (GW)-rich N-terminal domain, a central glutamine-rich region, and a C-terminal RNA recognition motif. TNRC6B copurified with a cytoplasmic HeLa cell protein complex containing AGO2 (EIF2C2), DICER, and MOV10. Epitope-tagged TNRC6B is coimmunoprecipitated with tagged AGO1 (EIF2C1) and tagged AGO2. TNRC6B was required to mediate microRNA-guided mRNA cleavage in HeLa cell culture.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67782332
NCBI GeneID	213988
NCBI Accession #	NP_659061.2
NCBI GenBank Nucleotide #	NP_659061.2
UniProt Accession #	Q8BK12
NCBI Official Full Name	trinucleotide repeat-containing gene 6B protein isoform 1
NCBI Official Synonym Full Names	trinucleotide repeat containing 6b
NCBI Official Symbol	Tnrc6b
NCBI Official Synonym Symbols	A1848765; 2700090M07Rik; A730065C02Rik; D230019K20Rik
NCBI Protein Information	trinucleotide repeat-containing gene 6B protein
UniProt Protein Name	Trinucleotide repeat-containing gene 6B protein
UniProt Gene Name	Tnrc6b
UniProt Synonym Gene Names	Kiaa1093
UniProt Entry Name	TNR6B_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/trinucleotide-repeat-containing-gene-6b-protein-tnrc6b/332101>