

Human MAGUK p55 Subfamily Member 7 (MPP7) ELISA Kit | MPP7 elisa kit

Human MAGUK p55 Subfamily Member 7 (MPP7) ELISA Kit

CATALOG #
AAA331713

REACTIVITY
Human

PRODUCT SYNONYMS

MAGUK p55 Subfamily Member 7 (MPP7); Human MAGUK p55 Subfamily Member 7 (MPP7) ELISA Kit; MPP7; RP11-218D6.5; FLJ32798; OTTHUMP00000019377; OTTHUMP00000019378; palmitoylated membrane protein 7; MPP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human MAGUK p55 subfamily member 7 (MPP7) ELISA Kit has high sensitivity and excellent specificity for detection of Human MPP7. No significant cross-reactivity or interference between Human MPP7 and analogues was observed.
Sequence Length	576
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 MAGUK p55 subfamily member 7 (MPP7) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MPP7 elisa kit	Description: This Human MAGUK p55 subfamily member 7 (MPP7) ELISA Kit employs a two-site sandwich ELISA to quantitate MPP7 in samples. An antibody specific for MPP7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MPP7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MPP7 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 MPP7 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Membrane palmitoylated protein 7 encoded by MPP7 is a member of the p55 Stardust family of membrane-associated guanylate kinase (MAGUK) proteins, which function in the establishment of epithelial cell polarity. This family member forms a complex with the polarity protein DLG1 (discs, large homolog 1) and facilitates epithelial cell polarity and tight junction formation. Polymorphisms in MPP7 are associated with variations in site-specific bone mineral density (BMD). Alternative splicing results in multiple transcript variants.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	74762233
NCBI GeneID	143098
UniProt Accession #	Q5T2T1
NCBI Official Full Name	MAGUK p55 subfamily member 7
NCBI Official Synonym Full Names	membrane palmitoylated protein 7
NCBI Official Symbol	MPP7
NCBI Protein Information	MAGUK p55 subfamily member 7
UniProt Protein Name	MAGUK p55 subfamily member 7
UniProt Gene Name	MPP7
UniProt Entry Name	MPP7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/maguk-p55-subfamily-member-7-mpp7/331713>