

Human Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein ELISA Kit | PREX2 elisa kit

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CATALOG # AAA101680	REACTIVITY Human
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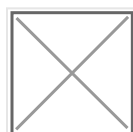
PRODUCT SYNONYMS

Phosphatidylinositol 3; 4; 5-trisphosphate-dependent Rac exchanger 2 protein; Human Phosphatidylinositol 3; 5-trisphosphate-dependent Rac exchanger 2 protein ELISA Kit; PREX2/PtdIns (3/4/5)-dependent Rac exchanger 2/DEP domain-containing protein 2/PREX2/DEPDC2; PREX2 elisa kit

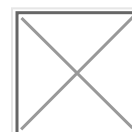
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1598
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PREX2 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PREX2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PREX2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PREX2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PREX2 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183583559
NCBI GeneID	109294
NCBI Accession #	NP_083801.1

NCBI GenBank Nucleotide #	NM_029525.1
Molecular Weight	84,364 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2
NCBI Official Symbol	Prex2
NCBI Official Synonym Symbols	Depdc2; P-Rex2; AI316880; AI553603; D430013K02; 6230420N16Rik; C030045D06Rik
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein
UniProt Gene Name	Prex2
UniProt Synonym Gene Names	Depdc2; P-Rex2; PtdIns(3,4,5)-dependent Rac exchanger 2
UniProt Entry Name	PREX2_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/prex2-human-elisa-kits/phosphatidylinositol-345-trisphosphate-dependent-rac-exchanger-2-protein/101680>