

Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (PREX1) Recombinant Protein | PREX1 recombinant protein

Recombinant Human Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (PREX1) , partial

CATALOG #
AAA116680

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Phosphatidylinositol 3; 4; 5-trisphosphate-dependent Rac exchanger 1 protein (PREX1); Recombinant Human Phosphatidylinositol 3; partial; PREX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	49-392. Partial.
Sequence	LRLCVLNEIL GTERDYVGT L RFLQSAFLHR IRQNVADSVE KGLTEENVKV LFSNIEDILE VHKDFLAAL E YCLHPEPQSQ HELGNVFLKF KDKFCVYEEY CSNHEKALRL LVELNKIPTV RAFLLSMMLL GGRKTTDIPL EGYLLSPIQR ICKYPLLLKE LAKRTPGKHP DHPAVQSALQ AMKTVCSNIN ETKRQMEKLE ALEQLQSHIE GWEGSNLTDI CTQLLLQGT L LKISAGNIQE RAFFLFDNLL VYCKRKSRTV GSKKSTKRTK SINGSLYIFR GRINTEVMEV ENVEDGTADY HSNGYTVTNG WKIHNTAKNK WFVCMATAE EKQKWLDAIL RERE
Sequence Length	392
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for PREX1 recombinant protein	This protein acts as a guanine nucleotide exchange factor for the RHO family of small GTP-binding proteins (RACs). It has been shown to bind to and activate RAC1 by exchanging bound GDP for free GTP. The encoded protein, which is found mainly in the cytoplasm, is activated by phosphatidylinositol-3,4,5-trisphosphate and the beta-gamma subunits of heterotrimeric G proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34452732
NCBI GeneID	57580
NCBI Accession #	NP_065871.2
NCBI GenBank Nucleotide #	NM_020820.3
UniProt Accession #	Q8TCU6; Q5JS95; Q5JS96; Q69YL2; Q7Z2L9; Q9BQH0; Q9BX55; Q9H4Q6; Q9P2D2; Q9UGQ4; E1P5X9
Molecular Weight	175,847 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
NCBI Official Synonym Full Names	phosphatidylinositol-3,4,5-trisphosphate dependent Rac exchange factor 1

NCBI Official Symbol	PREX1
NCBI Official Synonym Symbols	P-REX1
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
UniProt Gene Name	PREX1
UniProt Synonym Gene Names	KIAA1415; P-Rex1; PtdIns(3,4,5)-dependent Rac exchanger 1

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/prex1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116680>