

Recombinant Human PLEKHA1 protein, His & T7-tagged

Cat. No. PLEKHA1-1589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLEKHA1 aa. (Leu92~Glu346 (Accession # Q9HB21)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu92~Glu346
Description	This gene encodes a pleckstrin homology domain-containing adapter protein. The encoded protein is localized to the plasma membrane where it specifically binds phosphatidylinositol 3,4-bisphosphate. This protein may be involved in the formation of signaling complexes in the plasma membrane. Polymorphisms in this gene are associated with age-related macular degeneration. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.9

GENE INFORMATION

Gene Name	PLEKHA1 pleckstrin homology domain containing A1 [Homo sapiens (human)]
Official Symbol	PLEKHA1
Synonyms	PLEKHA1; pleckstrin homology domain containing A1; TAPP1; pleckstrin homology domain-containing family A member 1; pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1; tandem PH domain-containing protein 1
Gene ID	59338
mRNA Refseq	NM_001001974.2
Protein Refseq	NP_001001974.1

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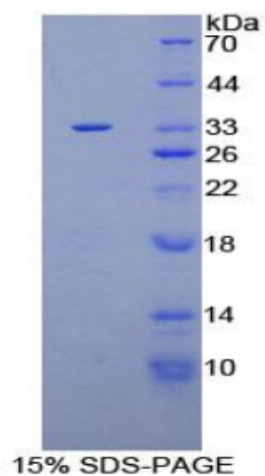
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UniProt ID

Q9HB21

SDS-PAGE



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