

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

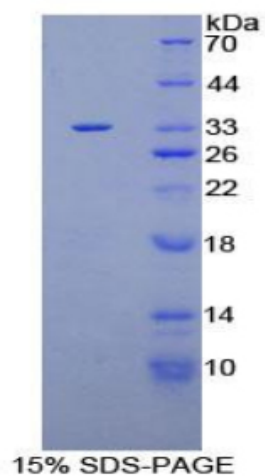
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9HB21

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA