

Recombinant Human PLEKHA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLEKHA1-2827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLEKHA1 MS Standard C13 and N15-labeled recombinant protein (NP_067635) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	45.6 kDa
AA Sequence	MPYVDRQNRICGFLDIEENENSGKFLRRYFILDTRDSFVWYMDNPQNLPSGSSRV GAIKLTYISKVSDATKLRPKAEFCFVMNAGMRKYFLQANDQQDLVEWVNVNLNKAIKIT VPKQSDSQPNSDNLSRHGECGKKQVSYRTDIVGGVPIITPTQKEEVNECGESIDRNN LKRSQSHLPYFTPKPPQDSAVIKAGYCVKQGAVMKNWKRKYFQLDENTIGYFKSEL EKEPLRVIPLEKLVHVKVQECKQSDIMMRDNLFEIVTTSRTFYVQADSPEEMHSWIKAV SGAIVAQRGPGRSASSEHPPGPSESKHAFRPTNAATATSHSTASRSNSLVSTFTME KRGFYESLAKVKPGNFKVQTVSPREPASKVTEQALLRPQSKNGPQEKDCDLVLDLDD

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ASLPVSDVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PLEKHA1 pleckstrin homology domain containing A1 [Homo sapiens (human)]
Official Symbol	PLEKHA1
Synonyms	PLEKHA1; pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1; pleckstrin homology domain-containing family A member 1; tandem PH domain containing protein 1; TAPP1; tandem PH domain-containing protein 1;
Gene ID	59338
mRNA Refseq	NM_021622
Protein Refseq	NP_067635
MIM	607772

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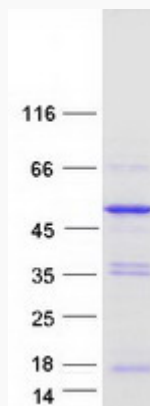
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UniProt ID

Q9HB21

SDS-PAGE

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