

## Product datasheet for **TP318830**

### PLEKHA2 (NM\_021623) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 2 (PLEKHA2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218830 representing NM_021623 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPYVDRQNRICGFLDIEEHENSGKFLRRYFILDQANCLLWYMDNPQNLAMGAGAVGALQLTYISKVSIA  
TPKQKPKTPFCFVINALSQRYFLQANDQKDMKDWEALNQASKITVPKGGGLPMTTEVLKSLAAPPALK  
KPQVAYKTEIIGGVVHTPISQNGGDGQEGSEPGSHTILRRSQSYIPTSGCRSTGPPLIKSGYCVKQGN  
VRKSWKRRFFALDDFTICYFKCEQDREPLRTIFLKDVLKTHECLVKSGDLLMRDNLFEIITSSRTFYVQA  
DSPEDMHSWIKEIGAAVQALKCHPRETSFSRSISLTRPGSSSLSSGPNLSILCRGRPPLEKKALCKAPSV  
ASSWQPWTPVPQAGEKLLPPGDTSEDSLFTPRPGEKSAPGVLPSRIRHRSEPHKPKPFMFNLDDENI  
RTSDV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	47.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_067636](#)

Locus ID: 59339

UniProt ID: [Q9HB19](#)

RefSeq Size: 5656

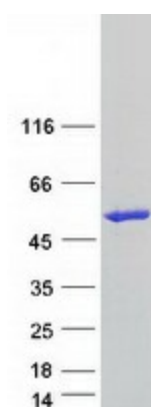
Cytogenetics: 8p11.22

RefSeq ORF: 1275

Synonyms: TAPP2

**Summary:** Binds specifically to phosphatidylinositol 3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane (By similarity). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PLEKHA2 protein (Cat# TP318830). The protein was produced from HEK293T cells transfected with PLEKHA2 cDNA clone (Cat# [RC218830]) using MegaTran 2.0 (Cat# [TT210002]).