

Product datasheet for **RC208326**

PITPN (PITPNA) (NM_006224) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PITPN (PITPNA) (NM_006224) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PITPN
Synonyms:	HEL-S-36; PI-TPalpha; PITPN; VIB1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208326 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGCTGCTCAAGGAGTATCGAGTAATCCTGCCTGTGTCTGTAGATGAGTATCAAGTGGGGCAGCTGT
ATTCTGTGGCTGAGGCCAGTAAAAATGAAACGGGTGGTGGCGAAGGCGTGGAGGTCCTGGTGAATGAGCC
CTACGAGAAGGACGGTGAGAAAGGCCAGTACACACATAAGATCTACCACCTGCAGAGCAAAGTACCCACG
TTTGTTCGAATGCTGGCCCCAGAGGGAGCCCTGAATATACACGAGAAAGCCTGGAATGCTTACCCCTACT
GCAGAACCGTTATTACAAATGAGTACATGAAAGAAGACTTCTGATTAATAATTGAAACCTGGCACAACC
AGATCTTGGCACGAGGAGAATGTGCATAAGCTGGAGCCTGAGGCGTGGAAACACGTGGAAGCCGTATAT
ATAGACATTGCAGATCGAAGCCAAGTGCTCAGCAAGGATTACAAGGCAGAGGAAGACCCAGCAAAATTTA
AATCTATCAAAACAGGCCGAGGACCCCTTGGGCCCAATTGGAAGCAAGAGCTTGTAAACCAGAAGGACTG
CCCATATATGTGTGCATACAACTGGTGACCGTCAAGTTCAAGTGGTGGGGCCTGCAGAACAAGTGGAG
AACTTCATCCATAAGCAAGAGAGGCGTCTGTTTACAACTCCACAGGCAGCTGTTCTGTTGGCTCGATA
AGTGGGTTGACCTGACCATGGACGACATTCGAAGGATGGAAGAAGAGACGAAGAGACAGCTGGATGAAAT
GAGACAAAAGGACCCAGTGAAGGAATGACAGCAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_006224.2](#), [NP_006215.1](#)

RefSeq Size: 3660 bp

RefSeq ORF: 813 bp

Locus ID: 5306

UniProt ID: [Q00169](#)

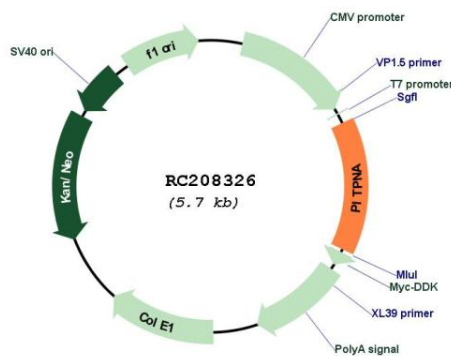
Cytogenetics: 17p13.3

Domains: IP_trans

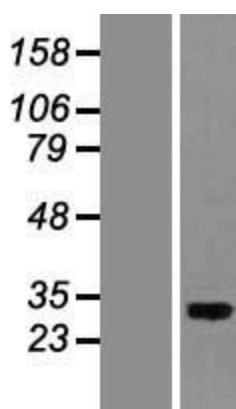
MW: 31.8 kDa

Gene Summary: This gene encodes a member of a family of lipid-binding proteins that transfer molecules of phosphatidylinositol or phosphatidylcholine between membrane surfaces. The protein is implicated in phospholipase C signaling and in the production of phosphatidylinositol 3,4,5-trisphosphate (PIP3) by phosphoinositide-3-kinase.[provided by RefSeq, Sep 2009]

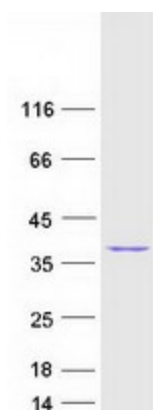
Product images:



Circular map for RC208326



Western blot validation of overexpression lysate (Cat# [LY416790]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208326 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified PITPNA protein (Cat# [TP308326]). The protein was produced from HEK293T cells transfected with PITPNA cDNA clone (Cat# RC208326) using MegaTran 2.0 (Cat# [TT210002]).