

Product datasheet for **TP303761L**

VPAC2 (VIPR2) (NM_003382) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human vasoactive intestinal peptide receptor 2 (VIPR2), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203761 protein sequence
Red=Cloning site **Green**=Tags(s)

MRTLLPPALLTCWLLAPVNSIHPECFRHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPANVGET
VTVPCPKVFSNFYSKAGNISKNCTSDGWSETFPDFVDACGYSDPEDESKITFYILVKAIYTLGYSVSLMS
LATGSIILCLFRKLHCTRNYIHLNLFSLFILRAISVLVKDDVLYSSSGTLHCPDQPSSWVGCKLSLVFLQ
YCI MANFFWLLVEGLYLHTLLVAMLP PRRCLFLAYLLIGWGLPTVCIGAWTAARLYLEDTG CWDTNDHSVP
WWWIRIPILISIIIVNFVLFISIIRILLQKLTSPDVGGNDQSQYKRLAKSTLLLIPLFGVHYMVFVFPIS
ISSKYQILFELCLGSFQGLWAVLYCFLNSEVQCELKRKWR SRCPTPSASRDYRVC GSSFSRNGSEGALQ
FHRGSRAQSFLQTETSVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.3 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.

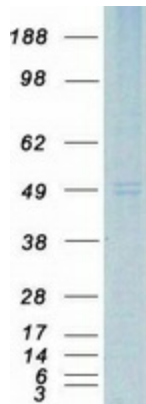
RefSeq: [NP_003373](#)



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Locus ID:	7434
UniProt ID:	P41587 , X5D7Q6
RefSeq Size:	3961
Cytogenetics:	7q36.3
RefSeq ORF:	1314
Synonyms:	C16DUPq36.3; DUP7q36.3; PACAP-R-3; PACAP-R3; VIP-R-2; VPAC2; VPAC2R; VPCAP2R
Summary:	This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase. [provided by RefSeq, Aug 2011]
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

Product images:



Coomassie blue staining of purified VIPR2 protein (Cat# [TP303761]). The protein was produced from HEK293T cells transfected with VIPR2 cDNA clone (Cat# [RC203761]) using MegaTran 2.0 (Cat# [TT210002]).