

Product datasheet for RC200409

EIPR1 (NM_003310) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EIPR1 (NM_003310) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EIPR1
Synonyms:	EIPR-1; TSSC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200409 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACGATGCACCAGTGATCTACGGGCTGGAGTTCCAGGCAGTGCCTTAACACCTCAAACCTGCAG
AAACAGATGCCATTTCGGTTTTGGTTGGGACGCGAGTCTCTTAAATATGATAATCAGATCCATATCATAGA
TTTTGACGATGAAAACAACATTATAAATAAAAAATGTCCTCCTCCATCAAGCGGGTAAATCTGGCATATT
AGCGCTAGCCCTGCAGACAGAGGTGTGCTGACGACCTGCTACAACAGAATTCAGACAGCAAAGTCTGTA
CATGTGCAGCCGTGTGGAGGATGCCGAAGGAATTGGAATCAGGCAGCCACGAGTCCCTGATGATTCATC
CAGCACTGCACAGACCCTGGAGCTGCTCTGTACCTTGACAACACAGCCCATGGCAACATGGCCTGTGTC
GTGTGGGAGCCAATGGGAGATGGGAAGAAAATCATTTCCCTGGCTGATAACCATATCCTGCTGTGGGATT
TACAGGAAAGCTCGAGCCAGGCTGTGCTGGCCAGCTCAGCGTCCCTGGAAGGGAAGGGACAACCTGAAGTT
CACCTCAGGACGGTGGAGCCACATCACTGCAACCCAGGTGGCCACAGCGAACGACACCACCTCCGT
GGCTGGGACACCCGGAGCATGAGCCAGATCTACTGCATAGAGAATGCCACGGACAGTGGTGGGGACC
TTGACTTTAATCCAATAAGCAGTACTACTTGGCCAGCTGCGGAGACGACTGTAAGGTGAAGTTCTGGGA
CACCCGAAATGTACCCGAACCCGTGAAGACCCTGGAGGAGCACTCCCACTGGGTGTGGAACGTCCGCTAC
AACCACTCATGACCAGCTGGTCTCAGGGCAGCAGTGACAGCAGAGTCACTTTCCAACATGGTGT
CCATCTCGTCGGAGCCCTTCGGCCACTTGGTAGACGACGATGACATCAGTGACCAGGAGGACCACCGTTC
TGAAGAGAAGAGCAAGGAGCCCTGCAGGACAACGTGATCGCCACCTACGAGGAGCACGAGGACAGCGTC
TATGCCGTGGACTGGTCTCGGCTGACCCGTGGCTGTTTGCCTCCCTGAGCTATGACGGGAGGCTCGTGA
TCAACAGGGTGCCAGGGCCCTGAAGTACCACATCCTGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_003310.5](#)

RefSeq Size: 1732 bp

RefSeq ORF: 1164 bp

Locus ID: 7260

UniProt ID: [Q53HC9](#)

Cytogenetics: 2p25.3

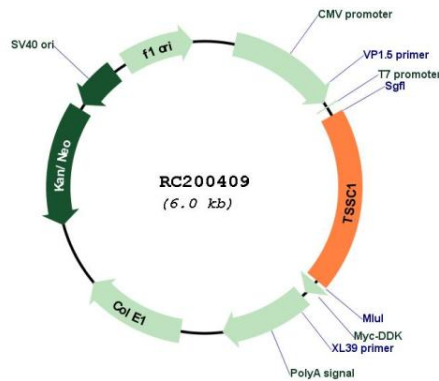
Domains: WD40

Protein Families: Druggable Genome

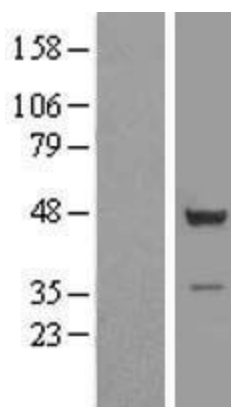
MW: 43.6 kDa

Gene Summary: This gene has been reported in PMID 9403053 as one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11. [provided by RefSeq, Dec 2008]

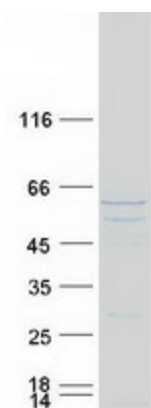
Product images:



Circular map for RC200409



Western blot validation of overexpression lysate (Cat# [LY418772]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200409 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified EIPR1 protein (Cat# [TP300409]). The protein was produced from HEK293T cells transfected with EIPR1 cDNA clone (Cat# RC200409) using MegaTran 2.0 (Cat# [TT210002]).