

Product datasheet for **RR200488**

Ptprc (NM_138507) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprc (NM_138507) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ptprc
Synonyms:	CD45; L-CA; Lca; RT7; T200
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200488 representing NM_138507 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

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Protein Sequence: >RR200488 representing NM_138507
 Red=Cloning site Green=Tags(s)

MYLWLKLLAFSLALLGPEVFTGQGTDDGLDTEIVLLPQTDPLPARTTEFTPPSISERGNSSSETTYL
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 SKNFNANLEGDKKPKCEYTDCEKELKNLPECSQKNVTL SNGSCTPKIINLDVPPGTHNFNL TNCTPDIE
 ANTSICLEWKIKNKFTCDIQKISYNFRCTPEMKT FALDKHGTLWLHNLTVRTNYTCAA EVL YNNVILLKQ
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 GSEGMKYHKHASILVHCRDGSQQTGLFCALFNLLESAETEDVVDV FQVVKSLRKARPGMVGSEFYQFLY
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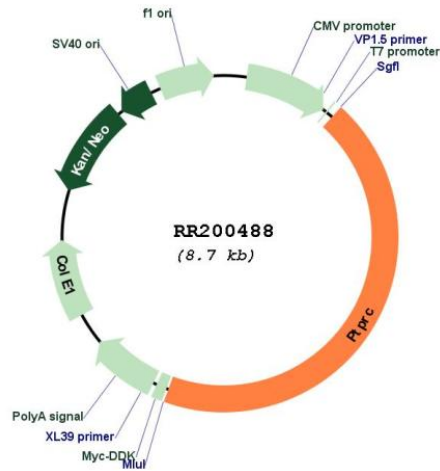
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_138507

ORF Size: 3819 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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_138507.3](#)

RefSeq Size: 5067 bp

RefSeq ORF: 3822 bp

Locus ID: 24699

UniProt ID: [P04157](#)

Cytogenetics: 13q13

MW: 143.3 kDa

Gene Summary: member of a family of heavily glycosylated leukocyte cell surface glycoproteins; displays extensive O-glycosylation [RGD, Feb 2006]