

Product datasheet for **RN211583**

Gltpd2 (NM_001115030) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gltpd2 (NM_001115030) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gltpd2
Synonyms:	RGD1560459
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211583 representing NM_001115030 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGTCCTGGGGTCTCACTGTCCCCAGCCCTGGGACGCTGGTTCGCCATGCAATCCCTTCGCTATCT
 TCACGCTGTTACTTCTTTATATCAGTGTATGGCTCTTCCATGAGTGGCCCTTTGAGTTGCCAGCTCAAAG
 AACTCAGCAGTCCGGCCTGTGGAACTCAAGCTCTCTTCTCCTTCCAGCCCTCACCTCTCTGCTTCT
 GTCACCTCAGGTGTTTTACCAGGCTGCAGGCCTGGGTGCAGTCTGCAATCCAGAGAGAGCGCTACCTT
 CCCAGATTGGCCAGCATTGAGACCCCTAGTGGTCCCAGAGAAGGAAGAACCTCCCTGTCTGAGGCCTCA
 TGGGTTGCTGGTGCATGGTGAGCCCTTCTGGCCTGTATGAGCCCTGAAGGCATGTGGAGTTATCT
 CAGTATCTGGCAGGTTGGCGAGAACTACTAGGCTCCTAACCCCTTGGCTCTGTCTTCGCTTTGCCA
 CCAGCGAGGCCTCCAACAAGGTGACCGCCTCGAGGCTCATGTGCACGGCCCTGATGCTTCATATTATAC
 ATCGCTGGTGACTATGGCGACGTGGGAACGGCGAGCAGTATTGCTAGAGCGTCCGGGGACCACACCCCG
 CACCTAGCGAGGCCCTCCGGCTCTAAACGCTGCTTTTGCTGCACCGCGCTTGGCTGGTCCCAGCTCT
 GCCTCCATAGGTTGGCGACTGGGAAGCTCGGAGGTCCAGAGGCTGGCGCGCAGTGTAGGGACGCCTACAG
 CACCGCCCTAGCCCGTACCATCCATGGCTTATCCGTACGGCCGCTCGCTGGCGATCCTGACCTCCCG
 AGCCGAGTCGCTTGTCCAGCTGGCGTGTCTGGAACCGAGAGGCGGACGCGCGGTTGCTCTGGCCC
 GGGCCGCGCGCTCTGGAGGATGTGTACAATCGTACCCAGGGCCTCTGGCCAGCCACGGCCTGCTTCA
 GCTGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001115030
Insert Size:	990 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001115030.1</u> , <u>NP_001108502.1</u>
RefSeq Size:	1375 bp
RefSeq ORF:	990 bp
Locus ID:	497943
Cytogenetics:	10q24