

Product datasheet for **SC207880**

GLUD2 (NM_012084) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GLUD2 (NM_012084) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GLUD2
Synonyms: GDH2; GLUDP1
ACCN: NM_012084
Insert Size: 763 bp
Insert Sequence: >SC207880 3'UTR clone of NM_012084
The sequence shown below is from the reference sequence of NM_012084. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACAGTGAAGCTGGTGTGACCTTCACATAGATGGATCATGGCTGACTTCCTCACTAACCTCTTCACGTG
TAACTTCTGCAGACCTACCACAAGTTTACATGTAACCACAGAAATCCCTTTCTCTCCTGACTCATTACT
AATGGATACCATTCTCAACAAGTCAATCCAATCAGCCGTTAAGGAGAAAGAAATTAATATACAAGCT
GAGTGTGAAAGTAGAAATCACCTACACCAGAGAGCTATTTTGGTATTTTGCCTTTAAATAAAAAGCCTC
CTCCATATGGCTGTGCAGCCTTGCTCTGTGGCTTTTCCAGCACAATCAGTGCTAGTGCTGGGGAAGGG
ACAGTCAAGAGCAGTCAGTTGCTTACTTATTTTGTCTGGATGAGTCTGGGACACGCTGTAACCTTAAAC
ACATTTAAGAAGAAGGTGTGGCCTTTTCAAGAGGTGGCATGGTCTCAAGTGAGTTCTTAGTATTTT
ATATCAGCAAAAATAACTCAATTTTGCAGATTGCAAACAAATATAAAAGCTGTTTCTGTTTATGAATTTT
ATTCTTTTAGAATAGAATAAGTACATGCTGTAATAAAATTGCCTTTAATCACTTAACAAGCCTAAC
CTTGACTCAGTGAATGCCTATAAAAATAATAAATGAAAAAAAACAGTATTTTATATCAAAAAGTTTC
ATTTGTAGCTTATCATTACGTATTGTTGTCCAGCAAACATTAAGCCCTGTGGATAATTACGTTATC
TTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_012084.4</u>
Summary:	The protein encoded by this gene is localized to the mitochondrion and acts as a homohexamer to recycle glutamate during neurotransmission. The encoded enzyme catalyzes the reversible oxidative deamination of glutamate to alpha-ketoglutarate. This gene is intronless.[provided by RefSeq, Jan 2010]
Locus ID:	2747
MW:	29.1