

Product datasheet for **SC108517**

GLIPR1 (NM_006851) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLIPR1 (NM_006851) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLIPR1
Synonyms:	CRISP7; GLIPR; RTVP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108517 sequence for NM_006851 edited (data generated by NextGen Sequencing)

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ATGCGTGTCCACTTGGCTACAATAGCCTGGATGGTTTCTTTTGTCTCCAATTATTCACAC
ACAGCAAATATTTTGCCAGATATCGAAAATGAAGATTTTCATCAAAGACTGCGTTGGAATC
CATAACAAGTTCCGATCAGAGGTGAAACCAACAGCCAGTGATATGCTATACATGACTTGG
GACCCAGCACTAGCCCAAATTGCAAAAGCATGGGCCAGCAATTGCCAGTTTTACATAAT
ACACGGCTGAAGCCACCCACAAGCTGCACCCAACTTCACTTCACTGGGAGAGAATC
TGGACTGGGTCTGTGCCATTTTTCTGTGTCTCCGCCATCACAACTGGTATGACGAA
ATCCAGGACTATGACTTCAAGACTCGGATATGCAAAAAAGTCTGTGGCCACTACACTCAG
GTTGTTTGGGCAGATAGTTACAAAGTTGGCTGCGCAGTTCAATTTTGGCCAAAAGTTTCT
GGCTTTGACGCTCTTCCAATGGAGCACATTTTATATGCAACTACGGACCAGGAGGAAT
TACCCAACTTGGCCATATAAGAGAGGAGCCACCTGCAGTGCCTGCCCAATAATGACAAG
TGTTTGGACAATCTCTGTGTTAACCGACAGCGAGACCAAGTCAAACGTTACTACTCTGTT
GTATATCCAGGCTGGCCATATATCCACGTAACAGATACACTTCTCTTTCTCATTGTT
AATTCAGTAATTCTAATACTGTCTGTTATAATTACCATTTTGGTACAGCACAAGTACCCT
AATTTAGTTCTTTTGGACTAA

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Clone variation with respect to NM_006851.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006851 unedited
 GCGTCAGCATTTTGTAAACGACTCACTATAGGGCGGCCGCAATTCGGCACCAGGCTAG
 GTTTGCAAAGCTGTGGGCTGAGCACTCAGGCAATCACACTCTCAGAACTGCGGGCGGCTC
 TGGACTGCAGCCTCCAAAGGCTCCATGCCAGACAAAGCATGCGTGTACACTTGTACAA
 TAGCCTGGATGGTTTCTTTTGTCTCCAATTATTCACACACAGCAAATATTTTGCCAGATA
 TCGAAAAATGAAGATTTTCATCAAAGACTGCGTTCGAATCCATAACAAGTCCGATCAGAGG
 TGAACCAACAGCCAGTGATATGCTATACATGACTTGGGACCCAGCACTAGCCCAAATG
 CAAAAGCATGGGCCAGCAATTGCCAGTTTTTCACATAATACACGGCTGAAGCCACCCACA
 AGCTGCACCCAACTTCACTTCACTGGGAGAGAACATCTGGACTGGGTCTGTGCCATTT
 TTTCTGTGTCTTCCGCCATCACAACTGGTATGACGAAATCCAGGACTATGACTTCAAGA
 CTCGGATATGCAAAANAGTCTGTGGCCACTACACTCANGTTGTTGGGCAGATAGTTACA
 AAGTTGGCTGCGCAGTTCAATTTTGCCTAAAGTTTCTGGCTTTGACGCTCTTCCAATG
 GAGCACATTTTATATGCAACTACNGACCAGGAGGAATTACCAACTGGCCATAAAGA
 GAAGAGCCACCTGCAGTGCCTGCCCAATAATGACAGTNGTTGGACATCTCTGTGTTAA
 CCGACAGCGAGACCAAGTCAAACGTTACTACTCTGTTGTATATCCAGGCTGGGCCATATA
 TCCACGTAACAGATACACTTCTCTNCTTCTCATTGNTAATTCAGTAATTCTAATACTNGT
 CTGTATAATTACCATTNTGNTACAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006851 unedited
 CGTTGGACCGAGCCGCACTCNAAGTCGAGTTTTTTTTTTTTTTTTTTTTGGTTTTTGGGTT
 TTTTCTTCTCTGAATTGTATTAGTCCAAAAGAATAAATAGGGTACTTGTGCTGTACCA
 AAATGGTAATTATAACAGACAGTATTAGAATTACTGAATTAACAATGAGAAAGAGAGAAG
 TGTATCTGTTACGTGGATATATGGGCCAGCTCGTAGATACAACAGAGTAGTAACGTTTGA
 CTTGGTCTCGCTGCGGTTAACACAGAGATTGTCCAAACACTTGCATTATTGGGGCAGG
 CACTGCAGGTGGCTCCTCTTATATGGCCAAGTTGGGTAATTCCTCCTGGTCCGTAGT
 TGCATATAAAAATGTGCTCCATTGGAAAGAGCGTCAAAGCCAGAACTTTAGGGCAAAATT
 GAACTGCGCAGCAACTTTGTAATATCTGCCCAAACAACCTGAGTGTAGTGGCCACAGA
 CTTTTTGCATATCCGAGTCTTGAAGTCATAGTCTGGATTTCTGCATACCAGTTTGTGA
 TGGCGGAAGACACAGAAAAAATGGGCACAGACCCAGTCCAGATGTTCTCTCCCANTGAAG
 TGAAGTTTGGGTGCAGCTTGGGGTGGCTTACCCGTGATTATGTGAAAACTGGCAAT
 TGCTGGCCATGCTTTTGAATTTGGGCTACTGCTGGTCCCAAGCTCTGNATAGCATAT
 CACTGGCTGNTGNCNNACNTCTGATCGGACCTTCTATGGATTCCAACGCANCTTTTAT
 GAAAACTTCTTCCCATATCCGCCACAACCCGCTTTTTGTGCACTACTGGACACAAAAA
 AACCATCCCGCTTTTGTCCCAGTGTGACCCCCATCTTTTCTGTGCTGGAACCTTCCCA
 CGCCCCCCCCAAAACCCCTTTTTTATTCCGGACCCCGCCGTGGCCGAGCGCCGG

Restriction Sites:

NotI-NotI

ACCN:

NM_006851

Insert Size:

950 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:	<ol style="list-style-type: none">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_006851.1 , NP_006842.1
RefSeq Size:	1061 bp
RefSeq ORF:	801 bp
Locus ID:	11010
UniProt ID:	P48060
Cytogenetics:	12q21.2
Domains:	SCP
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a protein with similarity to both the pathogenesis-related protein (PR) superfamily and the cysteine-rich secretory protein (CRISP) family. Increased expression of this gene is associated with myelomocytic differentiation in macrophage and decreased expression of this gene through gene methylation is associated with prostate cancer. The protein has proapoptotic activities in prostate and bladder cancer cells. This gene is a member of a cluster on chromosome 12 containing two other similar genes. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]</p>