

Product datasheet for SC117047

GPR183 (NM_004951) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR183 (NM_004951) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR183
Synonyms:	EBI2; hEBI2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117047 sequence for NM_004951 edited (data generated by NextGen Sequencing)

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ATGGATATACAAATGGCAAACAATTTTACTCCGCCCTCTGCAACTCCTCAGGAAATGAC
TGTGACCTCTATGCACATCACAGCACGGCCAGGATAGTAATGCCTCTGCATTACAGCCTC
GTCTTCATCATTGGGCTCGTGGGAACTTACTAGCCTTGGTCGTCATTGTTCAAAACAGG
AAAAAATCAACTCTACCACCTCTATTCAACAAATTTGGTTATTTCTGATATACTTTTT
ACCACCGCTTTGCCTACACGAATAGCCTACTATGCAATGGGCTTTGACTGGAGAATCGGA
GATGCCTTGTGTAGGATAACTGCGCTAGTGTTTACATCAACACATATGCAGGTGTGAAC
TTTATGACCTGCCTGAGTATTGACCGCTTATTGCTGTGGTGCACCCTCTACGCTACAAC
AAGATAAAAAGGATTGAACATGCAAAAGGCGTGTGCATATTTGCTGGATTCTAGTATTT
GCTCAGACACTCCCACTCCTCATCAACCCTATGTCAAAGCAGGAGGCTGAAAGGATTACA
TGCATGGAGTATCCAAACTTTGAAGAACTAAATCTTCCCTGGATTCTGCTTGGGGCA
TGTTTTCATAGGATATGTACTTCCACTTATAATCATTCTCATCTGCTATTCTCAGATCTGC
TGCAAACCTTTCAGAAGTCCAAACAAAACCCACTCACTGAGAAATCTGGTGTAACAAA
AAGGCTCTCAACACAATTATTCTTATTATTGTTGTTTCTCTGTTTACACACCTTAC
CATGTTGCAATTATTCAACATATGATTAAGAAGCTTCGTTTCTCTAATTTCTGGAATGT
AGCCAAAGACATTCGTTCCAGATTTCTCTGCACCTTACAGTATGCCTGATGAACTCAAT
TGCTGCATGGACCCTTTTATCTACTTCTTTGCATGTAAGGGTATAAGAGAAAGGTTATG
AGGATGCTGAAACGGCAAGTCAGTGTATCGATTCTAGTGCTGTGAAGTCAGCCCTGAA
GAAAATTCACGTGAAATGACAGAAACGCAGATGATGATACATTCCAAGTCTTCAAATGGA
AAGTGA
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Clone variation with respect to NM_004951.4
222 g=>t



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004951 unedited GGTCAACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGCTCACAGCTA CTACACAGAGACCCGAACGAGTCACTGATATACACCTGGACCACCACCAATGGATATACA AATGGCAAACAATTTTACTCCGCCCTCTGCAACTCCTCAGGAAATGACTGTGACCTCTA TGCACATCACAGCACGGCCAGGATAGTAATGCCTCTGCATTACAGCCTCGTCTTCATCAT TGGGCTCGTGGGAACTTACTAGCCTTGGTCGTCATTGTTCAAACAGGAAAAAATCAA CTCTACCACCCTCTATTCAACAAATTTGGTTATTTCTGATATACTTTTACCACCGCTT GCCTACACGAATAGCCTACTATGCAATGGGCTTTGACTGGAGAATCGGAGATGCCTTGTG TAGGATAACTGCGCTAGTGTTTTACATCAACACATATGCAGGTGTGAACTTTATGACCTG CCTGAGTATTGACCGCTTCATTGCTGTGGTGCACCCTCTACGCTACAACAAGATAAAAAAG GATTGAACATGCAAAAGGCGTGTGCATATTTGTCTGGATTCTAGTATTTGCTCAGACACT CCCCTCTCATCAACCCTATGTCAAAGCAGGAGGCTGAAAGGATTACATGCATGGAGTA TCCAAACTTTGAAGAACTAAATCTCTCCCTGGATTCTGCTTGGGGCATGTTTCATAGG ATATGTACTTNCCTTATAATCATTCTCATCTGCTATTCTCAGATCTGCTGCANACTCTT CAGAAACTGCCAAACAAACCCACTCACTGAGAAAATCTGTGTAACAAAAAGGCTCTCAA CACCATTATTCTTATTAATTGTGNNGTGNTCTCTGTTTCACACCTTACATGNTGCAATT ATCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004951 unedited TTCCTGCTTTTTTCCAAAGGATTCTTACAAGTTTTTGACCCAGAACGAACAAAACAAAAC ATTGGTGTATTGAGGGAATTAATCTAACATTGAGAGAAATTTGGATTTAAGAAATATG TTATTTAAAAAGTATGTTACAGTATTAACATCTGGCAATATATAATCTATTCAGTCCTTT CTAGCCATTTGTTGGCAAGAAATAATAATTAATTTTTTATTAACAAAACCTTTTTTACA TTGGGAGTTATTAAGAGCGCCTCCTTTTGGTGTATTGTTTACAATAAAAATGAAATAT TTATTTGCATTTTATTGTGCTTTATGTTGTTTGTCTTATGTTGTTCTCTTGGGCTTACT TCCGAGTTGGAGATGGGAAAGTGCCCAATGAAAGAAATATAAAAGAATACTAATTGGAAG CTGAACAATTTTGTCTTTATAAGGGAAGTCTGCAAGTTTGTACATACAGTTTACGTC ACTATAAACAAAATAACAATCCATTTCACTTTCCATTTGAAGACTTGGAAATGTATCATCA TCTGCGTTTCTGTCATTTACGTGAATTTCTTCCAGGGCTGACTTCACAGCACTAGAAA TCGATACACTGACTTGCCGTTTCCAGCATCTCATAACCTTTCTCTTATACCTTTTACATG CAAAGAAGTAGATAAAAAGGGTCCATGCAGCAATTGAGGTATCAGGCATACGTGTAAGTG CAGAGAAATCTGGAACGAATGTCTTTGCCTACATTTCCAGGAATTAAGAACGAAGCTT CTTAATCATATGTTGAATAATTGGCACATGGTAAAGGGTGAACCAAGGGAACCAACCCCA CAATATTAGAATAATTGTGTTGAGAGCCCTTTTGTTCACCAGATTTCTCATTGAGTGG GGTTTTGTTGGCAGTTCTGAAAATTTGCAGCCGATCTGGGATAGCGATGAGATGATTAT TAGGGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004951
Insert Size:	1830 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: [NM_004951.3](#), [NP_004942.1](#)

RefSeq Size: 1746 bp

RefSeq ORF: 1086 bp

Locus ID: 1880

UniProt ID: [P32249](#)

Cytogenetics: 13q32.3

Domains: 7tm_1

Protein Families: Druggable Genome, GPCR, Transmembrane

Gene Summary: This gene was identified by the up-regulation of its expression upon Epstein-Barr virus infection of primary B lymphocytes. This gene is predicted to encode a G protein-coupled receptor that is most closely related to the thrombin receptor. Expression of this gene was detected in B-lymphocyte cell lines and lymphoid tissues but not in T-lymphocyte cell lines or peripheral blood T lymphocytes. The function of this gene is unknown. [provided by RefSeq, Jul 2008]