

Product datasheet for **SC215418**

PSGR (OR51E2) (NM_030774) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PSGR (OR51E2) (NM_030774) Human 3' UTR Clone
Symbol:	PSGR
Synonyms:	HPRAJ; OR51E3P; OR52A2; PSGR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_030774
Insert Size:	1608 bp



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Insert Sequence: >SC215418 3'UTR clone of NM_030774
 The sequence shown below is from the reference sequence of NM_030774. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGACTTGCAGGCTGTGGGAGGCAAGTACCCTTAACACTACACTTCTCCTTATCTTTATTGGCTTGA
TAAACATAAATTATTTCTAACACTAGCTTATTTCCAGTTGCCCATAAAGCACATCAGTACTTTTCTCTGGC
TGGAAATAGTAACTAAAGTATGGTACATCTACCTAAAGGACTATTATGTGGAATAATACATACTAATGA
AGTATTACATGATTTAAAGACTACAATAAAACCAACATGCTTATAACATTAAGAAAAACAATAAAGAT
ACATGATTGAAACCAAGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTAATGATTT
AGTGTGTCCTACTTTCTCTCTTTTTTCTTTCTTTTTTTTTTATTATGGTTAGCTGTCACATACAA
CTTTTTTTTTTTTGGAGATGGGGTCTCGCTCTGTCACCAGGCTGGAGTGCAGTGGCGCATCTCGGCTC
ACTGCAACCTCCACATCCCATGTTGAAGTAATTCTTCTGCCTCAGCCTCCCGAGTAGCTGGGACTAGAG
GAACGTGCCACCATGACTGGCTAATTTTCTGTATTTTTAGTAGAGACAGAGTTTACCATTGTTGGCCA
GGATGGTCTCGATCTCCTGACCTTGTGATCCACCCGCCTCAGCCTCCCAAAGTGTGGGATTACAGGTG
TGAACCACTGTGCCCGCCTGTGTACAACCTTTTTAAATAGGGAATATGATAGCTTCGCATGGTGGTGTG
CACCTATAGCCCCACTGCCTGGAAAGCTGAGGTGGGAGAATCGCTTGAGTCCAGGAGTTTGAGGTTAC
AGTGATCCACGATCGTACCCTACACTCCAGCCTGGGCAACAGAGCAAGACCCTGTCTCAAAGCATAAAA
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GTCTCTACTGTTATTATGCATTACCTGGGAATTTATATAAGCCCTTAATAATAATGCCAATGAACATCT
CATGTGTGCTCACAATGTTCTGGCACTATTATAAGTGCTTACAGGTTTTATGTGTTCTTCGTAACCTT
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TTTTCTCTGTTACACACTAACATCAATGGCTTTGTACTTGTGATGAGAGATAACCTTGCCTAGTTG
TGGGCAACACATGCAGAATAATCCTGTTTTACAGCTGCCTTTCGTGATCTTATTGCTTGCTTTTTCCA
GATTCAGGAGAAATGTTGTTGTCTATTTGTCTCTTACATCTCCTTGATCATGTCTTCATTTTTAATGT
GCTCTGTACCTGTCAAAAATTTGAATGTACACCACATGCTATTGTCTGAACTTGAGTATAAGATAAAA
TAAAATTTATTTTAAATTTT
ACGCGTAAAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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).

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: [NM_030774.4](#)

Summary:

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]

Locus ID:

81285

MW:

60.8