

Product datasheet for SC305561

GALP (NM_033106) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GALP (NM_033106) Human Untagged Clone
Tag:	Tag Free
Symbol:	GALP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_033106 edited CTGTAGGCACCTGTCGTCCTGCCTTCGATGGCTCCTCCCTCCGTCCTCCCTGGTCCTCCTC CTCGTCCTCTTGCTGAGCCTGGCAGAGACTCCAGCATCCGCACCTGCCACCGGGGACGA GGAGGCTGGACCTCAATAGTGCTGGCTACCTTCTGGGTCCCGTCTCCACCTTCCCAA ATGGGTGACCAAGACGGAAGAGGGAGACAGCCCTTGAGATCCTAGACCTGTGGAAGGCC ATCGACGGGCTCCCTACTCCCACCTCCACAGCCCTCCAAGAGGAATGTGATGGAGACG TTTGCCAAACCAGAGATTGGAGATCTGGGCATGCTCAGCATGAAAATCCCAAGGAGGAA GATGTCCTGAAGTCATAGATGCTTCAAATCCCTGTTCTATCCTTCTTCTCCAGTCCT CCTG
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033106 unedited GTCAGCATTTGTATACGACTCATATAGGCGGCCGCGNATTCGCCCTTAGCTGTAGGCACC TGTGTCCTGCCTTCGATGGCTCCTCCCTCCGTCCTCCCTGGTCCTCCTCGTCCTCTT GCTGAGCCTGGCAGAGACTCCAGCATCCGCACCTGCCACCGGGGACGAGGAGGCTGGAC CCTCAATAGTGCTGGCTACCTTCTGGGTCCCGTCTCCACCTTCCCAAATGGGTGACCA AGACGGAAGAGGGAGACAGCCCTTGAGATCCTAGACCTGTGGAAGGCCATCGACGGGCT CCCCTACTCCCACCTCCACAGCCCTCCAAGAGGAATGTGATGGAGACGTTTGCCAAACC AGAGATTGGAGATCTGGGCATGCTCAGCATGAAAATCCCAAGGAGGAAGATGTCCTGAA GTCATAGATGTCCTCAAATCCCTGTTCTATCCTTCTTCTCCAGTCCTCCTGAAGGGCG AATTGATCTGGTACCGATATCAAGCTTGTGACTCTAGATTGCGGCCGCGGTATAGC TGTTTCTGAACAGATCCCGGTGGCATCCCTGTGACCCCTCCCAAGTGCCTCTCCTGGC CCTGGAAGTTGCCACTCCAGTGCCACACAGCCTTGTCTAATAAAATTAAGTTGCATCAT TTTGTCTGACTAGGTGTCCTTCTATAATATTATGGGGTGGAGGGGGTGGTATGGAAGC AGGGGGCAAGTTGGGAAGACNACCTGNTAGGCCTGNCGGGTCTATTGGGAACCAAGCTGN AGTGCAAGTGGCACAATCTTGGCTCACTGCAATCTCCGGCTTCTGGGTTCAAGCGATTCTC CTGCCTCA
Restriction Sites:	Please inquire
ACCN:	NM_033106


[View online »](#)

Insert Size:	400 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_033106.1, NP_149097.1</u>
RefSeq Size:	947 bp
RefSeq ORF:	351 bp
Locus ID:	85569
UniProt ID:	<u>Q9UBC7</u>
Cytogenetics:	19q13.43
Protein Families:	Secreted Protein
Gene Summary:	This gene encodes a member of the galanin family of neuropeptides. The encoded protein binds galanin receptors 1, 2 and 3 with the highest affinity for galanin receptor 3 and has been implicated in biological processes involving the central nervous system including hypothalamic regulation of metabolism and reproduction. A peptide encoded by a splice variant of this gene, termed alarin, has vasoactive properties, displays antimicrobial activity against E. coli, and may serve as a marker for neuroblastic tumors.[provided by RefSeq, Nov 2014] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).