

Product datasheet for **SC126622**

GRP (LGALSL) (NM_014181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRP (LGALSL) (NM_014181) Human Untagged Clone
Tag:	Tag Free
Symbol:	GRP
Synonyms:	GRP; HSPC159
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126622 sequence for NM_014181 edited (data generated by NextGen Sequencing)

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ATGGCGGGATCAGTGGCCGACAGCGATGCCGTGGTGAAACTAGATGATGGCCATTTAAAC
AACTCTTTGAGCTCTCCAGTTCAAGCGGACGTGTACTTCCCACGACTGATAGTTCATTT
TGTGGGCACATTAAGGTGGCATGAGACCAGGCAAGAAGGTGTTAGTGATGGGCATCGTA
GACCTCAACCCAGAGAGCTTTGCAATCAGCTTGACCTGTGGGACTCAGAAGACCCTCT
GCCGATGTGGCAATCGAACTCAAAGCTGTGTTACAGATCGGCAGCTACTCAGAAATTCT
TGTATATCTGGGGAGAGGGGTGAAGAACAGTCAGCAATCCCTTACTTTCCATTATTCCA
GACCAGCCATTCAGGGTGGAAATCTTTGTGAGCACCCACGTTTCCGAGTGTGGTGGAT
GGACACCAACTTTTTGATTTTACCATCGCATTCAAACGTTATCTGCAATTGACACCATA
AAGATAAATGGAGACCTCCAGATCACCAAGCTTGCTGA
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Clone variation with respect to NM_014181.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014181 unedited TCATATTTTGTATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGCCCGCCCC GCGCAGGACAGCCCCGGGATCCCCGCCCGCGCCGCGTCCCACGTACCCCGCCGCGCCG GGCAAGAAGATGGCGGGATCAGTGGCCGACAGCGATGCCGTGGTAACTAGATGATGGC CATTTAAACAACCTCTTTGAGCTCTCCAGTTCAAGCGGACGTGACTTCCCAGACTGATA GTTCCATTTTGTGGGCACATTAAGGTGGCATGAGACCAGGCAAGAAGGTGTTAGTGATG GGCATCGTAGACCTCAACCCAGAGAGCTTTGCAATCAGCTTGACCTGTGGGGACTCAGAA GACCCCTCCTGCCGATGTGGCAATCGAACTCAAAGCTGTGTTACAGATCGGCAGCTACTC AGAAATCTTGTATATCTGGGGAGAGGGGTGAAGAACAGTCAGCAATCCCTTACTTTCC ATTCATCCAGACCAGCCATTCAGGGTGGAAATCTTTGTGAGCACCCACGTTTCCGAGT GTTTGTGGATGGACCAACTTTTTGATTTTTACCATCGCATTCAAACGTTATCTGCAAT TGACACCATAAAGATAAATGGAGACCTCCAGATCACCAAGCTTGGCTGATTTAAACCACC TCTATTTCAAATAGGATCAGTGCCACAACCTATCTGACTGTTTGGTCTGGAAAAAAGTGT CCTAGCAAGATCTGGAGACTTAAAAAGAAACAAAAACAATGGCAGTTTACTTAAGGGGG GTTTGCCTTAGAGAAAGCTGTTGGGACAAGACCCGAGCCTTTTACCCAGAATAAATAA TCCTTATGCTGGGATTATTCAGACAACCTAAAGGGATTGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_014181
Insert Size:	3670 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_014181.1 , NP_054900.1
RefSeq Size:	801 bp
RefSeq ORF:	519 bp
Locus ID:	29094
UniProt ID:	Q3ZCW2
Cytogenetics:	2p14
Domains:	Gal-bind_lectin
Gene Summary:	Does not bind lactose, and may not bind carbohydrates.[UniProtKB/Swiss-Prot Function]