

Product datasheet for SC300520

LY6G6F (NM_001003693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LY6G6F (NM_001003693) Human Untagged Clone
Tag:	Tag Free
Symbol:	LY6G6F
Synonyms:	C6orf21; G6f; LY6G6; LY6G6D; NG32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300520 representing NM_001003693. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGCAGTCTTATTCTCTCTCTGTTCCTATGTGGAACCTCCCAGGCTGCAGACAACATGCAGGCCATC
 TATGTGGCCTTGGGGAGGCAGTAGAGCTGCCATGTCCCTCACCACCTACTCTACATGGGACGAACAC
 CTGTCTATGGTTCTGCAGCCCTGCAGCAGGCTCCTTCACCACCCTGGTAGCCCAAGTCCAAGTGGGCAGG
 CCAGCCCCAGACCCTGGAAAACAGGAAGGAATCCAGGCTCAGACTGCTGGGGAATATTCTTTGTGG
 TTGGAGGGATCCAAGAGGAAGATGCCGGGCGGTACTGGTGCGCTGTGCTAGGTCAGCACCACAACATAC
 CAGAACTGGAGGGTGTACGACGTCTTGGTGCTCAAAGGATCCCAGTTATCTGCAAGGGCTGCAGATGGA
 TCCCCCTGCAATGTCTCTGTGCTCTGTGGTCCCCAGCAGACGCATGGACTCTGTGACCTGGCAGGAA
 GGAAGGGTCCCCTGAGGGGCGGTGTTCACTCTCTGGGGCAGTGAGGCTGCCCTGCTCTTGGTGTGT
 CCTGGGGAGGGGCTTTCTGAGCCAGGAGCCGAAGACCAAGAATCATCCGCTGCCTCATGACTCACAAC
 AAAGGGGTGAGCTTTAGCCTGGCAGCCTCCATCGATGCTTCTCCTGCCCTCTGTGCCCCCTCCACGGGC
 TGGGACATGCCTTGATTCTGATGCTGCTGCTCACAATGGGCCAGGGAGTTGTATCCTGGCCCTCAGC
 ATCGTGTCTGGAGGCAGAGGGTCCGTGGGGCTCCAGGCAGAGATGCCTCGATTCTCAGTTCAAACCC
 GAAATCCAGGTCTATGAGAATCCATTTGGCCCGTCTTGGCCACCTGCCACAAAGCCAGGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001003693
Insert Size:	894 bp


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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001003693.1</u>
RefSeq Size:	898 bp
RefSeq ORF:	894 bp
Locus ID:	259215
UniProt ID:	<u>Q5SQ64</u>
Cytogenetics:	6p21.33
Protein Families:	Transmembrane
MW:	32.5 kDa
Gene Summary:	The human G6f protein is a type I transmembrane protein belonging to the immunoglobulin (Ig) superfamily, which is comprised of cell-surface proteins involved in the immune system and cellular recognition (de Vet et al., 2003 [PubMed 12852788]).[supplied by OMIM, Mar 2008]