

Product datasheet for SC123942

GJA3 (NM_021954) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GJA3 (NM_021954) Human Untagged Clone
Tag:	Tag Free
Symbol:	GJA3
Synonyms:	CTRCT14; CX46; CZP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC123942 representing NM_021954. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCGACTGGAGCTTTCTGGGAAGACTCTTAGAAAATGCACAGGAGCACTCCACGGTCATCGGCAAG
GTTTGGCTGACCGTGCTGTTTCATCTTCCGCATCTTGGTGTGGGGGCCGCGGGGAGGACGTGTGGGGC
GATGAGCAGTCAGACTTCACCTGCAACACCCAGCAGCCGGGCTGCGAGAAGCTGCTACGACAGGGCC
TTCCCATCTCCACATCCGTTCTGGGCGCTGCAGATCATCTTCGTGTCCAGCCACCCTCATCTAC
CTGGGCCAGTGCTGCACATCGTGCATGGAAGAGAAGAAGAAAGAGAGGGAGGAGGAGGAGCAGCTG
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GGTCGGGCCAGCAAGGCCAGCAGGGCCAGCAGCGGGCGGCCAGACCGGAGGACTTGCCATCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Chromatograms:	https://cdn.origene.com/chromatograms/ja3701_a04.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021954
Insert Size:	1308 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_021954.2
RefSeq Size:	5219 bp
RefSeq ORF:	1308 bp
Locus ID:	2700
UniProt ID:	Q9Y6H8
Cytogenetics:	13q12.11
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	47.4 kDa
Gene Summary:	The protein encoded by this gene is a connexin and is a component of lens fiber gap junctions. Defects in this gene are a cause of zonular pulverulent cataract type 3 (CZP3). [provided by RefSeq, Jan 2010]