

Product datasheet for **RG206206**

SLC26A8 (NM_138718) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	SLC26A8
Synonyms:	SPGF3; TAT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >RG206206 representing NM_138718
Red=Cloning site Blue=ORF Green=Tags(s)

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GCCGCGATCGCC

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CGGACATGGTCAGTGGAGAGGAGACCCATCCTATGGATTCACTCACCAGAGGGCAACAGCAATGAAG
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG206206 representing NM_138718

Red=Cloning site Green=Tags(s)

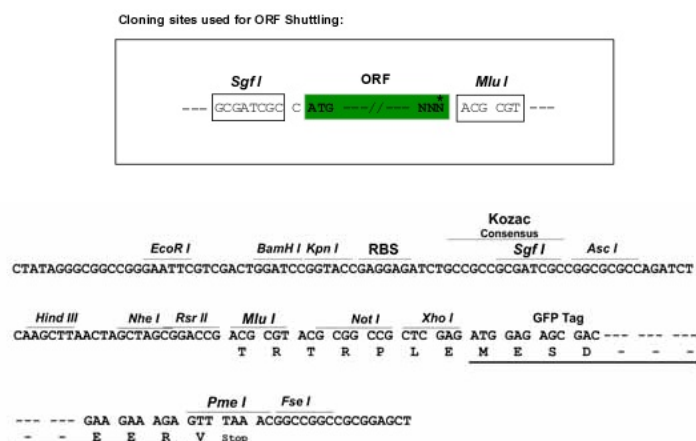
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LDLDRELEPEMEPKAETETKTQTEMEPQPETEPEMEPNPKSRPRAHTFPQQRYWPMYHPSMASTQSQTQT
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TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_138718

ORF Size: 2595 bp

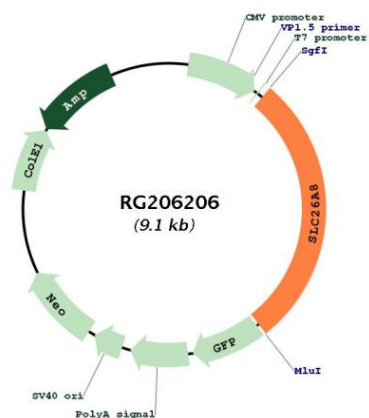
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_138718.1, NP_619732.1</u>
RefSeq Size:	3159 bp
RefSeq ORF:	2598 bp
Locus ID:	116369
UniProt ID:	<u>Q96RN1</u>
Cytogenetics:	6p21.31
Domains:	Sulfate_transp, STAS
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the SLC26 gene family of anion transporters. Family members are well conserved in gene structure and protein length yet have markedly different tissue expression patterns. The expression of this gene appears to be restricted to spermatocytes. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Jul 2010]

Product images:



Circular map for RG206206