

Product datasheet for **RG216330**

SLFN5 (NM_144975) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLFN5 (NM_144975) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLFN5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG216330 representing NM_144975
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCTTAGGATTGATGTGGATACAACTTTCTGAGTGTGTTGTAGATGCAGGAAAAGTCACCCTTG
 GGACTCAGCAGAGGCAGGAGATGGACCCTCGCCTGCGGGAGAAACAGAATGAAATCATCCTGCGAGCAGT
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 GTACCACAGAGAGAGAACATCCACCGATGTCATGGATTCTCAGGAAGCTCTGGCATTCTCAAATGCAGG
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 GTGTTGGACAGTGTCTGTCGATTTTTCAGGCCTGGAAAGAAATATCGTGTGTTGGAATCAATCCAGGAGTAG
 CCCCACCGGCTGGGGCTACAATCTTCTGCTGTTTGGCTTCTAGGGCAAAAAGACATCTGTATATTCT
 GAAGGCTTCTGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - **GTTTAA**

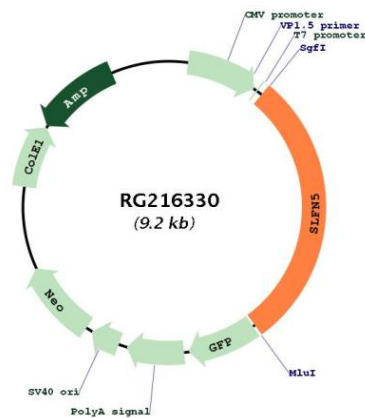
Protein Sequence: >RG216330 representing NM_144975
Red=Cloning site Green=Tags(s)

MSLRIDVDTNFPECVVDAGKVTLTGTQQRQEMDPRLREKQNEIILRAVCALLNSGGGIKAEIENKGYNYE
RHGVGLDVPIFRSHLDKMQKENHFLIFVKSWNTEAGVPLATLCSNLYHRERTSTDVMSQEQALAFKCR
TQTPTNINVSNSLGPQAAQGSVQYEGNINVSAAALFDRKRLQYLEKLNLPETHVEFVMFSTDVSHCVKD
RLPKCVSAFANTEGGYVFFGVHDETCQVIGCEKEKIDLTSLRASIDGCICKLPVHHFCTQRPEIKYVLNF
LEVHDKGALRGYVCAIKVEKFCCAVFAKVPSSWQVKDNRVRQLPTREWTAWMMEADPDLSRCPEMVLQLS
LSSATPRSKPVCIHKNSECLKEQQKRYFPVFSRVRVYTPESLYKELFSQHKGLRDLINTEMRPFSQGILI
FSQSWAVDLGLQEKQGVICDALLISQNNTPILYTIKSKWDAGCKGYSMIVAYSLKQKLVNKGQYTRGLCI
TPLVLCVLSNRKAQSVYSSYLQIYPESYNFMTPQHMEALLQSLVIVLLGFKSFLSEELGSEVLNLLTNKQ
YELLSKNLRKTRELFVHGLPGSGKTIILALRIMEKIRNVFHCEPANILYICENQPLKLVSFSSKKNICQPV
TRKTFMKNNFEHIQHIIIDDAQNFRTEDGDWYGKAKFITQTARDGPGVLWIFLDYFQTYHLSCSGLPPPS
DQYPREEINRVRNAGPIANYLQQVMQEARQNPPLPPGSLVMLYEPKWAQGVPGNLEIIEDLNLEEIL
IYVANKCRFLLRNGYSPKDI AVLFTKASEVEKYKDRLLTAMRKRKLSQLHEESDLLLLQIGDASDVLTDHI
VLDSVCRFSGLERNIVFGINPGVAPPAGAYNLLLCLASRAKRHL YILKASV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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:	<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_144975.4
RefSeq Size:	4660 bp
RefSeq ORF:	2676 bp
Locus ID:	162394
UniProt ID:	Q08AF3
Cytogenetics:	17q12
Domains:	AAA_div
Gene Summary:	May have a role in hematopoietic cell differentiation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG216330