

Product datasheet for **SC127866**

FSH Receptor (FSHR) (NM_000145) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSH Receptor (FSHR) (NM_000145) Human Untagged Clone
Tag:	Tag Free
Symbol:	FSH Receptor
Synonyms:	FSHR1; FSHRO; LGR1; ODG1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >SC127866 representing NM_000145.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCTGCTCCTGGTCTCTTTGCTGGCATTCTGAGCTTGGGCTCAGGATGTCATCATCGGATCTGT
CACTGCTCTAACAGGGTTTTCTCTGCCAAGAGAGCAAGGTGACAGAGATTCTTCTGACCTCCCGAGG
AATGCCATTGAACTGAGGTTTGTCTCACCAAGCTTCGAGTCATCAAAAAGGTGCATTTTCAGGATTT
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TATGTCATGTCCCTCCTTGTGCTCAATGTCTGGCCTTTGTGGTCACTGTGGCTGCTATATCCACATC
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AACCCCTTCTCTATGCCATCTTACAAAAAATTTTCGAGAGATTTCTTCAATTCTGCTGAGCAAGTGT
GGCTGCTATGAAATGCAAGCCCAATTTATAGGACAGAACTTCATCCACTGTCCACAACCCCATCCA
AGGAATGGCCACTGCTCTTCAGCTCCCAGAGTCACCAATGGTTTCACTTACATACTTGTCCCTCTAAGT
CATTTAGCCCAAACTAA
  
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Restriction Sites: NotI-NotI

ACCN: NM_000145

Insert Size: 2088 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).

OTI Annotation: This TrueClone was found to represent an alternative form of the specific reference to which it is associated. Its Open Reading Frame (ORF) may represent a novel form or alternative splice variant. By virtue of it being a true transcript (cDNA clone not PCR product), it provides a biologically relevant copy of its mRNA template. For more details, please evaluate the sequence information provided on this website or contact our customer care specialists.

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:	NM_000145.2
RefSeq Size:	2382 bp
RefSeq ORF:	2088 bp
Locus ID:	2492
UniProt ID:	P23945
Cytogenetics:	2p16.3
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	78.3 kDa
Gene Summary:	The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).