

Product datasheet for SC307568

ESSPL (PRSS48) (NM_183375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ESSPL (PRSS48) (NM_183375) Human Untagged Clone
Tag:	Tag Free
Symbol:	ESSPL
Synonyms:	ESSPL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307568 representing NM_183375. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGCCCTGCTGGCTGTGCCTTCACGCTGCTCCTTCTGCTGGGGATCTCAGTGTGTGGGCAACCTGTA
 TACTCCAGCCGCGTTGTAGGTGGCCAGGATGCTGCTGCAGGGCGCTGGCCTTGGCAGGTGAGCTACAC
 TTTGACCACAACCTTATCTGTGGAGTTCCCTCGTCAGTGAGAGGTTGATACTGACAGCAGCAGCACTGC
 ATACAACCGACCTGGACTACTTTTTATATACTGTGTGGCTAGGATCGATTACAGTAGGTGACTCAAGG
 AAACGTGTGAAGTACTACGTGTCCAAAATCGTCATCCATCCCAAGTACCAAGATACAACGGCAGACGTC
 GCCTTGTGAAACTGTCCTCTCAAGTCACCTTCACTTCTGCCATCCTGCCTATTTGCTTGCCAGTGTC
 ACAAAAGCAGTTGGCAATTCACCCCTTTTGTGGGTGACCGGATGGGGAAGTTAAGGAAAGTTCAGAT
 AGAGATTACCATCTGCCCTTCAGGAAGCAGAAGTACCCATTATTGACCGCCAGGCTTGTGAACAGCTC
 TACAATCCCATCGGTATCTTCTGCCAGCACTGGAGCCAGTCATCAAGGAAGACAAGATTGTGCTGGT
 GATACTCAAAACATGAAGGATAGTTGCAAGGGTGATTCTGGAGGGCCTCTGTCGTGTACATTGATGGT
 GTATGGATCCAGACAGGAGTAGTAAGCTGGGGATTAGAATGTGGTAAATCTCTTCTGGAGTCTACACC
 AATGTAATCTACTACAAAAATGGATTAATGCCACTATTTCAAGGCCAACAATCTAGACTTCTCTGAC
 TTCTTGTTCCTATTGTCTACTCTCTGCTCTCCTGCGTCCCTCCTGTGCCTTTGGACCTAACACT
 ATACACAGAGTAGGCACTGTAGCTGAAGCTGTTGCTTGCATACAGGGCTGGGAAGAGAATGCATGGAGA
 TTAGTCCAGGGGCAGAT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_183375
Insert Size:	987 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_183375.1</u>
RefSeq Size:	987 bp
RefSeq ORF:	987 bp
Locus ID:	345062
UniProt ID:	<u>Q7RTY5</u>
Cytogenetics:	4q31.3
Protein Families:	Druggable Genome
MW:	36 kDa