

# Product datasheet for SC122639

## Psoriasin (S100A7) (NM\_002963) Human Untagged Clone

## **Product data:**

#### **Product Type: Expression Plasmids Product Name:** Psoriasin (S100A7) (NM\_002963) Human Untagged Clone Tag: Tag Free Symbol: Psoriasin Synonyms: PSOR1; S100A7c Mammalian Cell None Selection: Vector: pCMV6-XL5 E. coli Selection: Ampicillin (100 ug/mL) **Fully Sequenced ORF:** >OriGene sequence for NM\_002963 edited CTCGTGACGCTTCCCAGCTCTGGCTTTTTGAAAGCAAAGATGAGCAACACTCAAGCTGAG AGGTCCATAATAGGCATGATCGACATGTTTCACAAATACACCAGACGTGATGACAAGATT GACAAGCCAAGCCTGCTGACGATGATGAAGGAGAACTTCCCCAACTTCCTTAGTGCCTGT GACAAAAAGGGCACAAATTACCTCGCCGATGTCTTTGAGAAAAAGGACAAGAATGAGGAT AAGAAGATTGATTTTTCTGAGTTTCTGTCCTTGCTGGGAGACATAGCCACAGACTACCAC AAGCAGAGCCATGGAGCAGCGCCCTGTTCCGGGGGGCAGCCAGTGACCCAGCCCCACCAAT >OriGene 5' read for NM 002963 unedited 5' Read Nucleotide GTCAAATTTGTAAACGACTCATATAGGGCGGCCGCGAATCCCGGGATCTCGTGACGCTTC Sequence: CCAGCTCTGGCTTTTTGAAAGCAAAGATGAGCAACACTCAAGCTGAGAGGTCCATAATAG GCATGATCGACATGTTTCACAAATACACCAGACGTGATGACAAGATTGACAAGCCAAGCC TGCTGACGATGATGAAGGAGAACTTCCCCAACTTCCTTAGTGCCTGTGACAAAAAGGGCA TTTCTGAGTTTCTGTCCTTGCTGGGAGACATAGCCACAGACTACCACAAGCAGAGCCATG GAGCAGCGCCCTGTTCCGGGGGCAGCCAGTGACCCAGCCCACCAATGGGCCTCCAGAGA TCCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGCCCTG AAAGTTGCCACTCCAGTGCCCACCAGCCTTGTCCTAATAAAATTAAGTTGCATCATTTTG NNNNTTTGGNNNNNCNCCTGGGGGGGGCTGCGGGGGCTCTGGGGGCCCCGCTGGGGGTGCG GTGGGCCCCGTTTGGGCCCTCGGGGCCGCCGCCTCGGGGGTTGGCGCTTTTCCCGGCCGG CCCTCCCGGGTTTTTGGGGTTCCGGGGCTTTGGCCGCGCCCCGCCNTGTTTGGTTTTTTG GTTGNGGCCGGGGTTTCCCCGCGGGTGGCGTGGGAA

liew online/

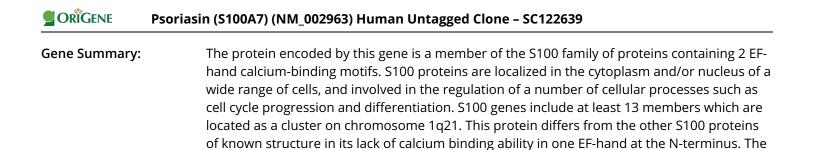
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### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn Psoriasin (S100A7) (NM\_002963) Human Untagged Clone – SC122639

Restriction Sites:	Please inquire
ACCN:	NM_002963
Insert Size:	458 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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. <u>More info</u>
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 002963.2, NP 002954.1</u>
RefSeq Size:	437 bp
RefSeq ORF:	306 bp
Locus ID:	6278
UniProt ID:	<u>P31151</u>
Cytogenetics:	1q21.3
Protein Families:	Secreted Protein

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protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities. [provided by RefSeq, Nov 2014]

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