

# Product datasheet for AR09931PU-N

## S100A7 / Psoriasin (1-101, His-tag) Human Protein

### **Product data:**

#### 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

Product Type:	Recombinant Proteins
Description:	S100A7 / Psoriasin (1-101, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSNTQAERSI IGMIDMFHKY TRRDDKIDKP SLLTMMKENFPNFLSACDKK GTNYLADVFE KKDKNEDKKI DFSEFLSLLG DIATDYHKQS HGAAPCSGGS Q
Tag:	His-tag
Predicted MW:	13.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human S100A7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 002954</u>
Locus ID:	6278
UniProt ID:	<u>P31151</u>
Cytogenetics:	1q21.3
Synonyms:	PSOR1; S100A7c



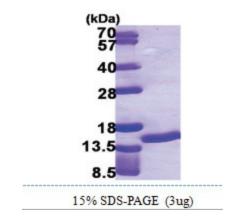
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### S100A7 / Psoriasin (1-101, His-tag) Human Protein – AR09931PU-N

Summary:The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-<br/>hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a<br/>wide range of cells, and involved in the regulation of a number of cellular processes such as<br/>cell cycle progression and differentiation. S100 genes include at least 13 members which are<br/>located as a cluster on chromosome 1q21. This protein differs from the other S100 proteins<br/>of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The<br/>protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities<br/>against bacteria and induces immunomodulatory activities. [provided by RefSeq, Nov 2014]

Protein Families: Secreted Protein

#### **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US