Recombinant Pig S100A12 protein, His & T7-tagged

Cat. No. S100A12-1479P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig S100A12 aa. (Thr2~Glu92 (Accession # P80310)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Thr2~Glu92
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.3kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

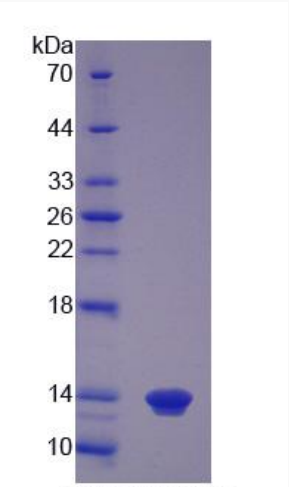
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	S100A12 S100 calcium binding protein A12 [Sus scrofa (pig)]
Official Symbol	S100A12
Synonyms	CAGC; EN-RAGE; calgranulin-C; extracellular newly identified RAGE-binding protein; protein S100-A12
Gene ID	100301483
mRNA Refseq	NM_001160272.1
Protein Refseq	NP_001153744.1
UniProt ID	P80310

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SDS-PAGE	 15% SDS-PAGE

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