Recombinant Pig S100A11 protein, His-tagged

Cat. No. S100A11-2581P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig S100A11 aa. (Met1~Lys99 (Accession # P31950)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Met1~Lys99
Form	Freeze-dried powder
Molecular Mass	12 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
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	S100A11 S100 calcium binding protein A11 [Sus scrofa (pig)]
Official Symbol	S100A11
Synonyms	S100A11; S100 calcium binding protein A11; protein S100-A11; S100C protein; calgizzarin; protein S100-C
Gene ID	445534
mRNA Refseq	NM_001004045.1
Protein Refseq	NP_001004045.1
UniProt ID	P31950

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