

Recombinant Human SPRR1A Protein, His-tagged

Cat. No. SPRR1A-2728H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPRR1A Protein (Gln6-Lys89) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln6-Lys89
Description	A structural constituent of skin epidermis. Involved in keratinocyte differentiation and peptide cross-linking. Located in cornified envelope.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13 kDa Accurate Molecular Mass: 18 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

SPRR1A small proline rich protein 1A [Homo sapiens (human)]

Official Symbol

SPRR1A

Synonyms

SPRR1A; small proline rich protein 1A; SPRK; cornifin-A
19 kDa pancornulin
SPR-IA
small proline-rich protein IA

Gene ID

6698

mRNA Refseq

NM_005987

Protein Refseq

NP_005978

MIM

182265

UniProt ID

P35321

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