

Recombinant Human SCEL protein, His & T7-tagged

Cat. No. SCEL-8097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCEL aa. (Ile519~Lys685 (Accession # O95171)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile519~Lys685
Description	The protein encoded by this gene is a precursor to the cornified envelope of terminally differentiated keratinocytes. This protein localizes to the periphery of cells and may function in the assembly or regulation of proteins in the cornified envelope. Transcript variants encoding different isoforms exist. A transcript variant utilizing an alternative polyA signal has been described in the literature, but its full-length nature has not been determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	SCEL sciellin [Homo sapiens (human)]
Official Symbol	SCEL
Synonyms	sciellin
Gene ID	8796
mRNA Refseq	NM_001160706.1
Protein Refseq	NP_001154178.1

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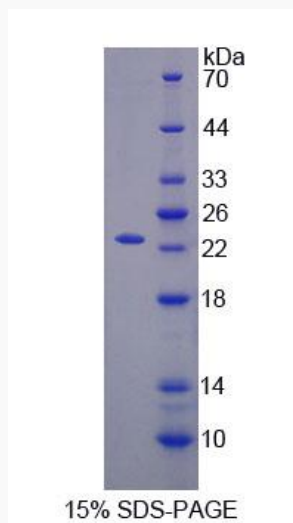
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UniProt ID

O95171

SDS-PAGE

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