

Recombinant Human SPRR2E Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPRR2E-5310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPRR2E MS Standard C13 and N15-labeled recombinant protein (NP_001019380) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a family of small proline-rich proteins clustered in the epidermal differentiation complex on chromosome 1q21. The encoded protein, along with other family members, is a component of the cornified cell envelope that forms beneath the plasma membrane in terminally differentiated stratified squamous epithelia. This envelope serves as a barrier against extracellular and environmental factors. The seven SPRR2 genes (A-G) appear to have been homogenized by gene conversion compared to others in the cluster that exhibit greater differences in protein structure.
Molecular Mass	7.7 kDa
AA Sequence	MSYQQQCKQPCQPPVCPKCEPCPPPKCEPCPPPKCPQPCPPQQCQQKC PPVTPSPPCQPKCPPKSKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [SPRR2E small proline rich protein 2E \[Homo sapiens \(human\) \]](#)

Official Symbol [SPRR2E](#)

Synonyms SPRR2E; small proline rich protein 2E; small proline-rich protein 2E; SPR-2E; SPR-II; small proline-rich protein II

Gene ID [6704](#)

mRNA Refseq [NM_001024209](#)

Protein Refseq [NP_001019380](#)

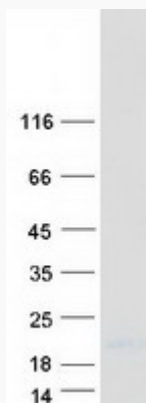
MIM [617588](#)

UniProt ID [P22531](#)

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SDS-PAGE

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