

Recombinant Full Length Human SPRR2E Protein, Flag tagged

Cat. No. SPRR2E-60HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human small proline-rich protein 2E (SPRR2E) with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-71 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	7.7 kDa
AASequence	MSYQQQQCKQPCQPPPVCTPKCPEPCPPPKCPEPCPPPKCPQPCPPQQCQQKC PPVTPSPPCQPKCPPKSKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method

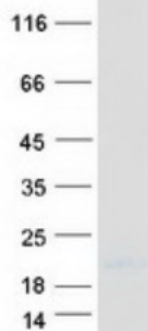
GENE INFORMATION

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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