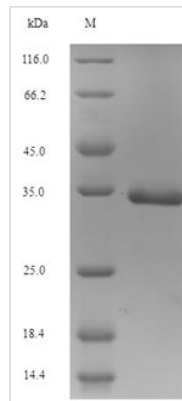




Recombinant Human Small proline-rich protein 3 (SPRR3)

Product Code	CSB-EP022619HU
Relevance	Cross-linked envelope protein of keratinocytes.
Abbreviation	Recombinant Human SPRR3 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UBC9
Alias	22 kDa pancornulin Cornifin beta Esophagin
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SSYQQKQTFTPPPQLQQQVVKQPSQPPPQEIVPTTKEPCHSKVPQPGNTKI PEPGCTKVPEPGCTKVPEPGCTKVPEPGCTKVPEPGCTKVPEPGCTKVPEPG YTKVPEPGSIKVPDQGGFIKFPEPGAIVPEQGYTKVPVPGYTKLPEPCPSTVTP GPAQQKTKQK
Research Area	Neuroscience
Source	E.coli
Target Names	SPRR3
Expression Region	2-169aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The generation of the recombinant Human SPRR3 protein typically includes the following steps: synthesizing the recombinant plasmid containing the gene encoding the Human SPRR3 protein (2-169aa), transforming the recombinant plasmid into e.coli cells, selecting the positive e.coli cells, and culturing the positive e.coli cells for protein expression. The protein is equipped with a N-terminal 6xHis-SUMO tag. After expression, affinity purification is employed to isolate and purify the recombinant SPRR3 protein from the cell lysate. Denaturing SDS-PAGE is utilized to resolve the resulting recombinant Human SPRR3 protein, revealing a purity level exceeding 90%.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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