

Recombinant Mouse SPRR2A1 Protein (1-83 aa), His-tagged

Cat. No. SPRR2A1-1928M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SPRR2A1 Protein (1-83 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-83 aa
Description	Cross-linked envelope protein of keratinocytes. It is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. All that results in the formation of an insoluble envelope beneath the plasma membrane.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	13.4 kDa
AA Sequence	MSYYQQCNQPCRPPPVCPKCEPCPPQVWPGPCRPVMCFEPCLPVWPGP CRPVVCYEQCQPQWQSTCPPVQFPCCQK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Sprr2a1 small proline-rich protein 2A1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [SPRR2A1](#)

Synonyms Sprr2a; Sprr2a3;

Gene ID [20755](#)

mRNA Refseq [NM_011468](#)

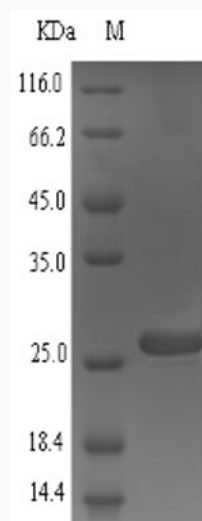
Protein Refseq [NP_035598](#)

UniProt ID [Q9CQK8](#)

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

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