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Datasheet for ABIN7557775

SPRR1A Protein (AA 1-144) (His tag)

Overview

Quantity:	1 mg
Target:	SPRR1A
Protein Characteristics:	AA 1-144
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPRR1A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sprr1a Protein expressed in mammalian cells.
Sequence:	MSSHQKQPC TVPPQLHQQQ VKQPCQPPPQ EPCAPKTKDP CHPVPEPCNP KGPEPCHPKA PEPCHPKAPE PCNPKVPEPC QPKVPEPCQP KVPEPCNPKV PEPCQPKAPE PCHPKAPEPC HPVVPEPCPS TVTPSPYQK TKQK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SPRR1A
Alternative Name:	Spr1a (SPRR1A Products)
Background:	Cornifin-A (Small proline-rich protein 1A) (SPR1 A) (SPR1A),FUNCTION: 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. May participate widely in the construction of cell envelopes in cornifying epithelia characterized by either increased thickness or a requirement for extreme flexibility.
Molecular Weight:	15.8 kDa
UniProt:	Q62266

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months