

Product datasheet for PH311258

SPRR1A (NM_005987) Human Mass Spec Standard

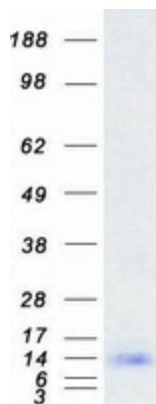
Product data:

Product Type:	Mass Spec Standards
Description:	SPRR1A MS Standard C13 and N15-labeled recombinant protein (NP_005978)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211258
Predicted MW:	9.9 kDa
Protein Sequence:	<p>>RC211258 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MNSQQQKQPCTPPPPQPPQVVKQPCQPPPPQEPCKTKEPCQPKVPEPCPKVPEPCQPKIPEPCQPKVP EPCPSTVTPAPAQQKTKQK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005978</u>
RefSeq Size:	657
RefSeq ORF:	267
Synonyms:	SPRK
Locus ID:	6698
UniProt ID:	<u>P35321</u>
Cytogenetics:	1q21.3


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Summary:

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.[UniProtKB/Swiss-Prot Function]

Product images:


Coomassie blue staining of purified SPRR1A protein (Cat# [TP311258]). The protein was produced from HEK293T cells transfected with SPRR1A cDNA clone (Cat# [RC211258]) using MegaTran 2.0 (Cat# [TT210002]).