

Product datasheet for PH315197

SPRR2A (NM_005988) Human Mass Spec Standard

Product data:

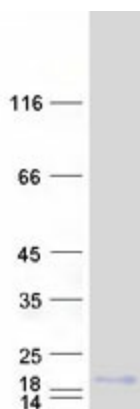
Product Type:	Mass Spec Standards
Description:	SPRR2A MS Standard C13 and N15-labeled recombinant protein (NP_005979)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215197
Predicted MW:	8 kDa
Protein Sequence:	>RC215197 protein sequence Red=Cloning site Green=Tags(s) MSYQQQCKQPCQPPPVCPTPKCPEPCPPPKCPEPCPPPKCPQPCPPQCCQKYPVTPSPPCQSKYPPK SK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_005979
RefSeq Size:	692
RefSeq ORF:	216
Locus ID:	6700
UniProt ID:	P35326
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 SPRR2A protein (Cat# [TP315197]). The protein was produced from HEK293T cells transfected with SPRR2A cDNA clone (Cat# [RC215197]) using MegaTran 2.0 (Cat# [TT210002]).