

Product datasheet for PH318077

SPRR2D (NM_006945) Human Mass Spec Standard

Product data:

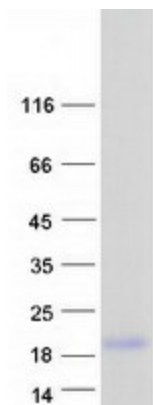
Product Type:	Mass Spec Standards
Description:	SPRR2D MS Standard C13 and N15-labeled recombinant protein (NP_008876)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218077
Predicted MW:	7.7 kDa
Protein Sequence:	>RC218077 representing NM_006945 Red=Cloning site Green=Tags(s) MSYQQQCKQPCQPPPVCPTPKCPEPCPPKCEPCSPKCPQPCPPQCCQKYPVTPSPPCQPKCPPK 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_008876
RefSeq Size:	790
RefSeq ORF:	216
Locus ID:	6703
UniProt ID:	P22532
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 SPRR2D protein (Cat# [TP318077]). The protein was produced from HEK293T cells transfected with SPRR2D cDNA clone (Cat# [RC218077]) using MegaTran 2.0 (Cat# [TT210002]).