

Product datasheet for PH318601

SPRED3 (NM_001039616) Human Mass Spec Standard

Product data:

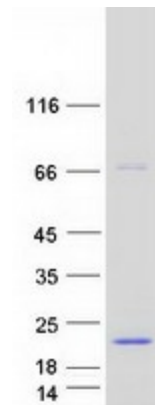
Product Type:	Mass Spec Standards
Description:	SPRED3 MS Standard C13 and N15-labeled recombinant protein (NP_001034705)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218601
Predicted MW:	16.1 kDa
Protein Sequence:	<p>>RC218601 representing NM_001039616</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVRVRAVVMARDSSGGWLPVGGGGLSQVSVCRVRGARPEGGARQGHYVIHGERLRDQKTTLECTLKPGLVYNKVNPIFHHWSLGDCKFGLTFQSPAEEDEFQKSLAALAALGRGSLTPSSSSSSSPSQDTAETPCPLTLSQYFRHMLCP</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:	NP_001034705
RefSeq Size:	543
RefSeq ORF:	456
Synonyms:	Eve-3; spread-3
Locus ID:	399473
UniProt ID:	Q2MJR0


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Cytogenetics: 19q13.2

Summary: This gene encodes a protein with a C-terminal Sprouty-like cysteine-rich domain (SRY) and an N-terminal Ena/Vasodilator-stimulated phosphoprotein (VASP) homology-1 (EVH-1) domain. The encoded protein is a member of a family of proteins that negatively regulates mitogen-activated protein (MAP) kinase signaling, particularly during organogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Product images:



Coomassie blue staining of purified SPRED3 protein (Cat# [TP318601]). The protein was produced from HEK293T cells transfected with SPRED3 cDNA clone (Cat# [RC218601]) using MegaTran 2.0 (Cat# [TT210002]).