

Product datasheet for PH324916

SH3MD2 (SH3RF1) (NM_020870) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SH3RF1 MS Standard C13 and N15-labeled recombinant protein (NP_065921)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224916
Predicted MW:	93.6 kDa
Protein Sequence:	>RC224916 representing NM_020870 Red=Cloning site Green=Tags(s)

MDESALLDLLECPVCLERLDASAKVLPQCQHTFCKRCLLGIVGSRNELRCPECRTLVGSGVEELPSNILLV
 RLLDGIKQRPWKPGGGGSTNCTNALRSQSSTVANCSKDLQSSQGGQPRVQSWSPVVRGIPQLPCA
 ALYNYEGKEPGDLKFSKGDIIILRRQVDENWYHGEVNGIHGFFPTNFVQIIKPLPQPPQCKALYDFEVK
 DKEADKDCLPFAKDDVLTVIRRVNENWAEGLADKIGIFPISYVEFNAAKQLIEWDKPPVPGVDAGECS
 SAAAQSSTAPKHSDDTKKNTKKRHSFTSLTMANKSSQASQNRHSMEISPPVLISSNPTAAARISELGSL
 CSAPSQVHISTTGLIVTPPPSSPVTTGPSFTFSDVPYQALGTLNPPLPPPPLLAATVLASTPPGATAA
 AAAAGMGRPMAGSTDQIAHLRQTRPSVYVAIYPYTPRKEDELELRKEMFLVFERCQDGFKGTSMHT
 SKIGVFPGNVAVPVTRAVTNASQAKVPMSTAGQTSRGVTMVPSTAGGPAQKLQGNVAGSPSVVPAVV
 SAAHIQTSQAKVLLHMTGQMTVNQARNAVRTVAAHNQERPTAAVTPIQVQNAAGLSPASVGLSHHSLAS
 PQPAPLMPGSATHAAISISRASAPLACAAAAPLTSPTSASLEAEPGRIVTVLPLPTSPDSASSAC
 GNSSATKPKDKSKKEKGLLKLKLLSGASTKRKPRVSPASPTLEVELGSAELPLQGAVGPELPPGGHGRA
 GSCPVDGDGPVTTAVAGAALAQDAFHRKASSLDSAVPIAPPPRQACSSSLGPVLNESRPVVCERHRVVVSY
 PPQSEAELELKEGDIVFVHKKREDGWFKGTLQRNGKTGLFPGSFVENI

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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.

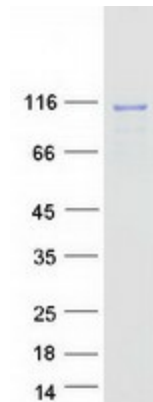


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RefSeq:	NP_065921
RefSeq Size:	5265
RefSeq ORF:	2664
Synonyms:	POSH; RNF142; SH3MD2
Locus ID:	57630
UniProt ID:	Q7Z6J0
Cytogenetics:	4q32.3-q33

Summary: This gene encodes a protein containing an N-terminus RING-finger, four SH3 domains, and a region implicated in binding of the Rho GTPase Rac. Via the RING-finger, the encoded protein has been shown to function as an ubiquitin-protein ligase involved in protein sorting at the trans-Golgi network. The encoded protein may also act as a scaffold for the c-Jun N-terminal kinase signaling pathway, facilitating the formation of a functional signaling module. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SH3RF1 protein (Cat# [TP324916]). The protein was produced from HEK293T cells transfected with SH3RF1 cDNA clone (Cat# [RC224916]) using MegaTran 2.0 (Cat# [TT210002]).