

Product datasheet for PH308181

SPINDOC (NM_138471) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C11orf84 MS Standard C13 and N15-labeled recombinant protein (NP_612480)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208181
Predicted MW:	41 kDa
Protein Sequence:	>RC208181 protein sequence Red =Cloning site Green =Tags(s)

MALKAEGAALDCFEVTLKCEEGEDEEEAMVVAVIPRPEPMLRVTQQEKTTPPPRPSPLEAGSDGCEEPKQQ
 VSWEQEFVLVGSSPGSGRALCMVCGAEIRAPSADTARSHILEQHPHTLDLSPSEKSNILEAWSEGVALLQ
 DVRAEQSPNSDSGQDAHPDPDANPDAAARMPAEIVVLLDSEDNPSLPKRSRPRGLRPLELPAVPATEPG
 NKKPRGQRWKEPPGEEPVRKKRGRPMTKNLDPDPEPPSPDSPTETFAAPAEVRHFTDGSFPAGFVLQLFS
 HTQLRGPDSPKDPKREVAEGGLPRAESPPAPPPGLRGTLDLQVIRVRMEEPPAVSLLQDWSRHPQGTK
 RVGAGDTSDWPTVLSSESSTTVAGKPEKNGV

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.
RefSeq:	<u>NP_612480</u>
RefSeq Size:	2004
RefSeq ORF:	1143
Synonyms:	C11orf84; SPIN-DOC
Locus ID:	144097

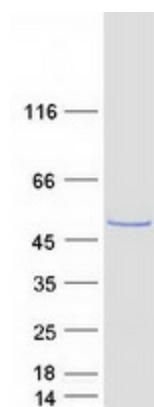

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UniProt ID: Q9BUA3

Cytogenetics: 11q13.1

Summary: Negatively regulates the transcriptional activator activity of SPIN1 via inhibition of its histone methyl-binding ability. Represses the expression of a number of SPIN1-regulated genes and the SPIN1-mediated activation of the Wnt signaling pathway. Can also inhibit the histone methyl-binding abilities of SPIN2A, SPIN2B, SPIN3 and SPIN4 (PubMed:29061846).
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SPINDOC protein (Cat# [TP308181]). The protein was produced from HEK293T cells transfected with SPINDOC cDNA clone (Cat# [RC208181]) using MegaTran 2.0 (Cat# [TT210002]).