

Product datasheet for PH319812

NDRG2 (NM_201535) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NDRG2 MS Standard C13 and N15-labeled recombinant protein (NP_963293)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219812
Predicted MW:	40.6 kDa
Protein Sequence:	>RC219812 representing NM_201535 Red=Cloning site Green=Tags(s)
	MAELQEVQITEEKPLLPGQTPEAAKEAELAAARILLDQGQTHSVETPYGSVFTFTVYGTTPKPKRPAILTYHD VGLNYKSCFQPLFQFEDMQEIIQNFVRVHVDAPGMEEGAPVFPPLGYQYPSLDELADMIPCVLQYLNFS TIGVGVGAGAYILARYALNHPDTVEGLVLINIDPNAKGWMDWAAHKL TGLTSSIPEMILGHLFSQEELSGN SELIQKYRNIITHAPNLNIELYWNSYNNRRDLNFERGGDITLRCPVMLVVGDAQPHEDAVVECNKLD P TRTSFLKMADSGGQPQLTQPGKLEAFKYFLQGMGYMASSCMTRLRSRRTASL TSAASVDGNRSRRTLS QSSESGTLSSGPPGHTMEVSC
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_963293</u>
RefSeq Size:	2142
RefSeq ORF:	1113
Synonyms:	SYLD
Locus ID:	57447



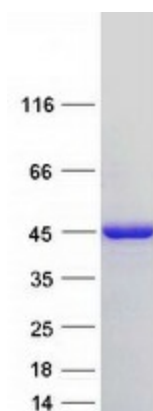
[View online »](#)

UniProt ID: [Q9UN36](#)

Cytogenetics: 14q11.2

Summary: This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2017]

Product images:



Coomassie blue staining of purified NDRG2 protein (Cat# [TP319812]). The protein was produced from HEK293T cells transfected with NDRG2 cDNA clone (Cat# [RC219812]) using MegaTran 2.0 (Cat# [TT210002]).