

Product datasheet for PH311577

NDRG2 (NM_016250) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NDRG2 MS Standard C13 and N15-labeled recombinant protein (NP_057334)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211577
Predicted MW:	39.3 kDa
Protein Sequence:	>RC211577 protein sequence Red=Cloning site Green=Tags(s)
	MAELQEVQITEEKPLLPGQTPEAAKTHSVETPYGCVTFTVYGTGPKPKRPAILTYHDVGLNYKSCFQPLFQ FEDMQEIIQNFVRVHVDAPGMEEGAPVFPLGYQYPSLDELADMIPCVLQYLNFSSTIIGVGVGAGAYILAR YALNHPDVEGLVLINIDPNAKGWMDWAHKL TGLTSSIPEMILGHLFSQEELSGNSELIQKYRNIITHA PNLDNIELYWNSYNNRRDLNFERGGDITLRCPVMLVVGDAQPHEDAVVECNKSLDPTRTSFLK MADSGGQ PQLTQPGKLTAFKYFLQGMGYMASSCMTRL SRRTASL TSAASVDGNRSRRTL SQSSESGTLSSGPPG HTMEVSC
	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:	NP_057334
RefSeq Size:	2100
RefSeq ORF:	1071
Synonyms:	SYLD
Locus ID:	57447



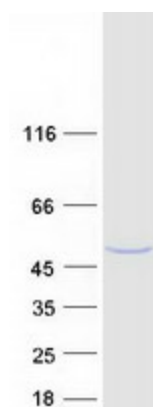
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UniProt ID: [Q9UN36](#)

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# [TP311577]). The protein was produced from HEK293T cells transfected with NDRG2 cDNA clone (Cat# [RC211577]) using MegaTran 2.0 (Cat# [TT210002]).