

Product datasheet for PH321301

OriGene Technologies, Inc.

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NDRG4 (NM_022910) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: NDRG4 MS Standard C13 and N15-labeled recombinant protein (NP_075061)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

RC221301

or AA Sequence: Predicted MW:

40.6 kDa

Protein Sequence: >RC221301 representing NM_022910

Red=Cloning site Green=Tags(s)

MAGLQELRFPEEKPLLRGQDATELESSDAFLLAADTDWKEHDIETPYGLLHVVIRGSPKGNRPAILTYHD VGLNHKLCFNTFFNFEDMQEITKHFVVCHVDAPGQQVGASQFPQGYQFPSMEQLAAMLPSVVQHFGFKYV IGIGVGAGAYVLAKFALIFPDLVEGLVLVNIDPNGKGWIDWAATKLSGLTSTLPDTVLSHLFSQEELVNN TELVQSYRQQIGNVVNQANLQLFWNMYNSRRDLDINRPGTVPNAKTLRCPVMLVVGDNAPAEDGVVECNS KLDPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTRLARSRTASLTSASSVDGSRPQA

CTHSESSEGLGQVNHTMEVSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: $>0.05 \mu g/\mu L$ 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 075061

RefSeq Size: 3453 RefSeq ORF: 1113

Synonyms: BDM1; SMAP-8; SMAP8

Locus ID: 65009





UniProt ID: Q9ULPO, A0A024R6V8

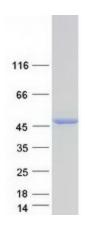
Cytogenetics: 16q21

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 is required for cell cycle progression and survival in primary astrocytes and may be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. Alternative splicing results in multiple transcripts encoding different isoforms.[provided by RefSeq, Jun

2011]

Product images:



Coomassie blue staining of purified NDRG4 protein (Cat# [TP321301]). The protein was produced from HEK293T cells transfected with NDRG4 cDNA clone (Cat# [RC221301]) using MegaTran 2.0 (Cat# [TT210002]).