

Product datasheet for TP321301

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

NDRG4 (NM 022910) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NDRG family member 4 (NDRG4), transcript variant 3, 20 μg

Species: Human Expression Host: HEK293T

Expression cDNA >RC221301 representing NM_022910 Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MAGLQELRFPEEKPLLRGQDATELESSDAFLLAADTDWKEHDIETPYGLLHVVIRGSPKGNRPAILTYHD VGLNHKLCFNTFFNFEDMQEITKHFVVCHVDAPGQQVGASQFPQGYQFPSMEQLAAMLPSVVQHFGFKYV IGIGVGAGAYVLAKFALIFPDLVEGLVLVNIDPNGKGWIDWAATKLSGLTSTLPDTVLSHLFSQEELVNN TELVQSYRQQIGNVVNQANLQLFWNMYNSRRDLDINRPGTVPNAKTLRCPVMLVVGDNAPAEDGVVECNS KLDPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTRLARSRTASLTSASSVDGSRPQA

CTHSESSEGLGQVNHTMEVSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 40.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: <u>NP 075061</u>

Locus ID: 65009





UniProt ID: Q9ULPO, A0A024R6V8

RefSeq Size: 3453 Cytogenetics: 16q21 RefSeq ORF: 1113

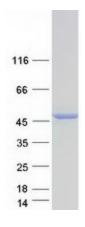
Synonyms: BDM1; SMAP-8; SMAP8

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]).