

## Product datasheet for **TP321058M**

### **NDRG4 (NM\_020465) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NDRG family member 4 (NDRG4), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC221058 representing NM_020465
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAGLQELRFPEEKPLLRGQDATELESSDAFLLAADTDWKEHDIETPYGLLHVIRGSPKGNRPAILTYHD  
VGLNHKLCFNTFFNFEDMQEITKHFVCHVDAPGQQVVGASQFPQGYQFPSMEQLAAMLPSVVQHFGFKYV  
IGIGVGAGAYVLAKFALIFPDLVEGLVLVNIDPNGKGWIDWAATKLSGLTSTLPDVLVSHLFSQEELVNN  
TELVQSYRQQIGNVVNQNANLQLFWNMYSRRDLINRPGTVPNAKTLRCPVMLVVDNAPAEDGVVECNS  
KLDPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTLARSRTASLTSASSVDGSRPQA  
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:	<a href="#">NP_065198</a>
Locus ID:	65009

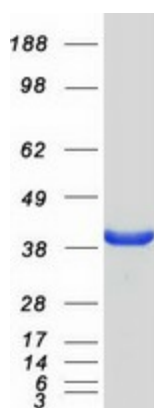


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UniProt ID: [Q9ULP0](#), [A0A024R6V8](#)  
RefSeq Size: 3288  
Cytogenetics: 16q21  
RefSeq ORF: 1113  
Synonyms: BDM1; SMAP-8; SMAP8

**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# [TP321058]). The protein was produced from HEK293T cells transfected with NDRG4 cDNA clone (Cat# [RC221058]) using MegaTran 2.0 (Cat# [TT210002]).