

Recombinant Full Length Human NDRG4 Protein, C-Flag-tagged

Cat. No. NDRG4-914HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NDRG4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.5 kDa
AA Sequence	MAGLQELRFPEEKPLLRGQDATELESSDAFLAADTDWKEHDIETPYGLLHVIRGS PKGNRPAILTYHD VGLNHNKLCFNTFFNFEDMQEITKHFVVCHVDAPGQQVVGASQFP QGYQFPSMEQLAAMLPSVVQHFGFKYV IGIGVGAGAYVLAKFALIFPDLVEGLVLVN IDPNGKGWIDWAATKLSGLTSTLPDVLVSHLFSQEELVNN TELVQSYRQQIGNVNN QANLQLFWNMYSRRDLINRPGTVPNAKTLRCPVMLVVGDNAPAEDGVVECNS K LDPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTLRARSRTASL

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	TSASSVDGSRPQA CTHSESSEGLGQVNHTMEVSCSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NDRG4 NDRG family member 4 [Homo sapiens (human)]
Official Symbol	NDRG4
Synonyms	BDM1; SMAP8; SMAP-8
Gene ID	65009
mRNA Refseq	NM_022910.4
Protein Refseq	NP_075061.1

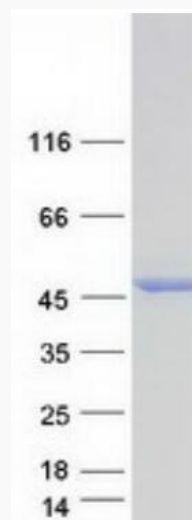
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MIM 614463

UniProt ID Q9ULP0



Coomassie blue staining of purified NDRG4 protein.

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