

Recombinant Human NDRG4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDRG4-2428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDRG4 MS Standard C13 and N15-labeled recombinant protein (NP_075061) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	40.6 kDa
AA Sequence	MAGLQELRFPEEKPLLRGQDATELESSDAFLAADTDWKEHDIETPYGLLHVIRGS PKGNRPAILTYHDVGLNHLKLCFNTFFNFEDMQEITKHFVCHVDAPGQQVGASQFP QGYQFPSMEQLAAMLPSVVQHFGFKYVIGIGVGAGAYVLAKFALIFPDLVEGLVLVNI DPNGKGWIDWAATKLSGLTSTLPDVLVSHLFSQEELVNNTLVQSYRQQIGNVVNQ ANLQLFWNMYNSRRDLINRPGTVPNAKTLRCPVMLVVDNAPAEDGVVECN SKL DPTTTTFLKMADSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTRLARSRTASLT SASSVDGSRPQACTHSESSEGLGQVNHTMEVSTRTRPLEQKLISEEDLAANDILDY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NDRG4 NDRG family member 4 [Homo sapiens (human)]
Official Symbol	NDRG4
Synonyms	NDRG4; NDRG family member 4; protein NDRG4; KIAA1180; SMAP 8; smooth muscle-associated protein 8; brain development-related molecule 1; vascular smooth muscle cell-associated protein 8; BDM1; SMAP8; SMAP-8; FLJ30586; FLJ42011; MGC19632; DKFZp686I1615;
Gene ID	65009
mRNA Refseq	NM_022910
Protein Refseq	NP_075061
MIM	614463

 Tel: 1-631-559-9269 1-516-512-3133

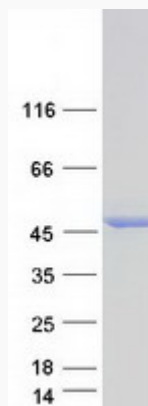
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9ULP0

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA