

Recombinant Full Length Human NDRG1 Protein, C-Flag-tagged

Cat. No. NDRG1-1632HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NDRG1 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 involved in stress responses, hormone responses, cell growth, and differentiation. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.7 kDa
AA Sequence	MSREMQDVDLAEVKPLVEKGETITGLLQEFDVQEEDIETLHGSHVHTLCGTPKGNR PVILTYHDIGMNHK TCYNPLFNYEDMQEITQHFAVCHVDAPGQQDGAASFPAGYMY PSMDQLAEMLPGLVQQFGLKSIIGMTG AGAYILTRFALNNPEMVEGLVLINVNPCA EGWMDWAASKISGWTQALPDMVVSHLFGKEEMQSNVEVVHT YRQHIVNDMNPGN

 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

LHLFINAYNSRRDLEIERPMPGTHVTLQCPALLVVGDS SPAVD AVVECNSKLDPTK
 TTLLKMADCGGLPQISQPAKLAEAFKYFVQGMGYMPSASMTRLMRSRTASGSSVTS
 LDGTRSRSH TSEGT
 RSRSH TSEGTRSRSH TSEGAHLDITPNSGAAGNSAGPKSMEV SCTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

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 [NDRG1 N-myc downstream regulated 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [NDRG1](#)

Synonyms GC4; RTP; DRG1; NDR1; NMSL; TDD5; CAP43; CMT4D; DRG-1; HMSNL; RIT42; TARG1; PROXY1

Gene ID [10397](#)

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

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

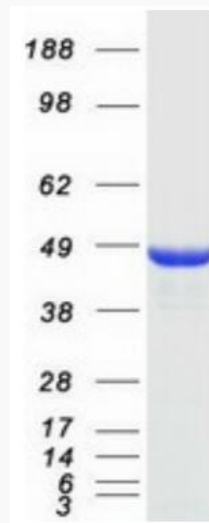
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM_006096.4](#)

Protein Refseq [NP_006087.2](#)

MIM [605262](#)

UniProt ID [Q92597](#)



Coomassie blue staining of purified NDRG1 protein.

 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