

Recombinant Human N-myc Downstream Regulated 1, T7-tagged

Cat. No. NDRG1-2947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDRG1 was produced in <i>E.coli</i> with a T7 tag at N-terminus. MW = 42863 Da (1-394 aa).
Species	Human
Source	E.coli
Protein Length	1-394 a.a.
Description	N-myc downstream regulated gene (NDRG)-1 is one of 4 members of the NDRG α/β -hydrolase family. This protein is classified in databases as a tumor suppressor and heavy metal-response protein. Its functions include cell-cycle regulation, cellular differentiation, apoptosis, hypoxia response and metal-ion sensing. Mutation in the NDRG1 gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom (HMSNL), a severe autosomal recessive form of Charcot-Marie-Tooth (CMT) disease.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ . 10mM DTT.
Purity	95%.
Applications	MS. SDS.

GENE INFORMATION

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Gene Name	NDRG1 N-myc downstream regulated 1 [Homo sapiens]
Synonyms	NDRG1; N-myc downstream regulated 1; GC4; RTP; DRG1; NDR1; NMSL; TDD5; CAP43; CMT4D; HMSNL; RIT42; TARG1; PROXY1; protein regulated by oxygen-1; tunicamycin-responsive protein; differentiation-related gene 1 protein; nickel-specific induction protein Cap43; reducing agents and tunicamycin-responsive protein; DRG-1; DRG1; Protein NDRG1; N-myc downstream-regulated gene 1 protein; Rit42
Gene ID	10397
mRNA Refseq	NM_001135242
Protein Refseq	NP_001128714
MIM	605262
UniProt ID	Q92597
Chromosome Location	8q24
Function	protein binding