Recombinant Human NDRG1 protein, GST-tagged

Cat. No. NDRG1-3770H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDRG1 protein(45-109 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	45-109 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	SGSSVTSLDGTRSRSHTSEGTRSRSHTSEGTRSRSHTSEGAHLDITPNSGAAGNSAGPKSMEVSC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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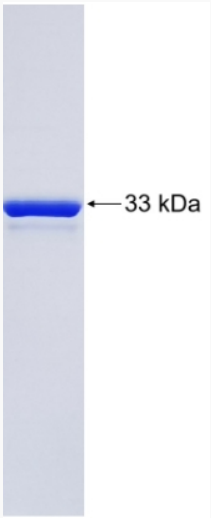
	μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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

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SDS-PAGE



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