

## Recombinant Human NDRG1 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NDRG1 protein(45-109 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	45-109 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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).
<b>AASequence</b>	SGSSVTSLDGTRRSRSHSTSEGTRRSRSHSTSEGTRRSRSHSTSEGAHLDITPNSGAAGNSA GPKSMEVSC
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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](#)

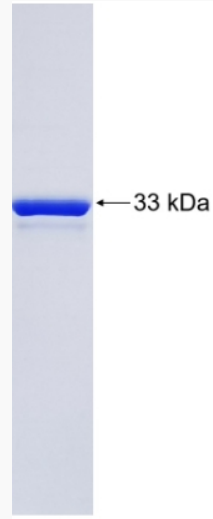
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SDS-PAGE



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