



Catalog No.: RP03256 Recombinant

# **Sequence Information**

**Species Gene ID Swiss Prot** Human 10397 092597

## **Tags**

C-His

### **Synonyms**

NDRG1; CAP43; DRG1; RTP; TARG1; CMT4D; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; TDD5; N-myc downstream-regulated gene 1 protein; Differentiation-related gene 1 protein; Reducing agents and tunicamycinresponsive protein

### **Product Information**

Source Purification E.coli > 85% by SDS-PAGE.

### **Endotoxin**

Please contact us for more information.

#### **Formulation**

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

# Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## **Contact**

<b>a</b>	400-999-6126
×	cn.market@abclonal.com.cn
$\overline{\mathfrak{S}}$	www.abclonal.com.cn

# **Background**

NDRG1 is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. NDRG1 is necessary for p53-mediated caspase activation and apoptosis. Mutations in the NDRG1 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.

#### **Basic Information**

#### **Description**

Recombinant Human NDRG1 Protein is produced by E.coli expression system. The target protein is expressed with sequence (Met1-Cys394) of human NDRG1 (Accession #Q92597) fused with His tag at the C-terminus.

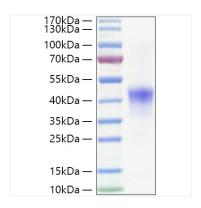
## **Bio-Activity**

#### **Storage**

Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

# **Validation Data**



Recombinant Human NDRG1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40-45 kDa.