Recombinant Human NDRG1 Protein

Catalog No.: RP03256

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Sequence Information

Species	Gene ID
Human	10397

Swiss Prot	Tags
Q92597	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 tunicamycin-responsive protein

Product Information

Source	Purification
E.coli	≥ 85 % as determined by SDS-PAGE.

Calculated MW	Observed MW
43.8 kDa	40-45 kDa

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 vortex 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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20℃

Operational Notes

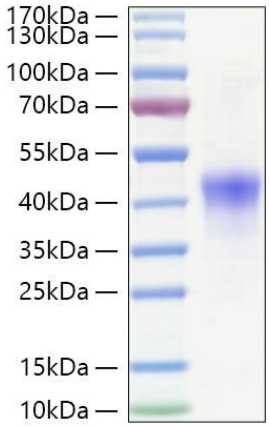
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human NDRG1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.