

# Human NDRG1 / CAP43 (His Tag) recombinant protein



Catalog Number: 502648

## General Information

### Gene Name Synonym

Differentiation-related gene 1 protein; N-myc downstream-regulated gene 1 protein; Nickel-specific induction protein Cap43; Reducing agents and tunicamycin-responsive protein; Rit42

### Protein Construction

A DNA sequence encoding the human NDRG1 (Q92597) (Met1-Cys394) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human NDRG1 consists of 401 amino acids and predicts a molecular mass of 43.8 KDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

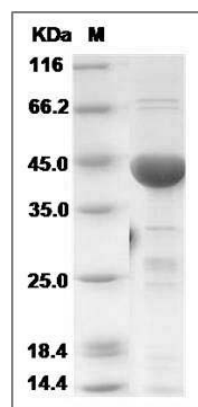
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human NDRG1 / CAP43 Protein (His Tag) SDS-PAGE