

Recombinant Human N-myc Downstream Regulated Gene 1/NDRG1/DRG-1CAP43 Protein(N-6His)

Cat.NO.: TP05721

3th Edition

Synonyms:Protein NDRG1; Differentiation-Related Gene 1 Protein; DRG-1; N-myc Downstream-Regulated Gene 1 Protein; Nickel-Specific Induction Protein Cap43; Reducing Agents and Tunicamycin-Responsive Protein; RTP; Rit42; NDRG1; CAP43; DRG1; RTP

Description:Protein NDRG1 is a member of the N-Myc Downregulated Gene family, which is part of the ?? Hydrolase superfamily. Protein NDRG1 is a cytoplasmic protein that is involved in stress responses, hormone responses, cell growth and differentiation. Protein NDRG1 is necessary for p53-mediated caspase activation and apoptosis. Protein NDRG1 mutations are reported to be the cause for hereditary motor and sensory neuropathy-Lom. Decreased NDRG1 expression in glioma is linked to tumor progression; overexpression of NDRG1 is connected to malignant status of esophageal cancer.

Form:PBS

Molecular Weight:45.0 kDa

Sequences:Met 1-Cys394

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.