



[Go to Product page](#)

Datasheet for ABIN7318836 NDRG1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	NDRG1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDRG1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NDRG1 Protein (His Tag)
Sequence:	Met 1-Cys394
Characteristics:	Recombinant Human N-myc Downstream Regulated Gene 1 is produced by our E.coli expression system and the target gene encoding Met1-Cys394 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NDRG1
Alternative Name:	NDRG1 (NDRG1 Products)
Background:	Background: Protein NDRG1 is a member of the N-Myc Downregulated Gene family, which is part of the α/β Hydrolase superfamily. Protein NDRG1 is a cytoplasmic protein that is involved

Target Details

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.

Synonym: 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

Molecular Weight: 45.0 kDa

UniProt: [Q92597](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.