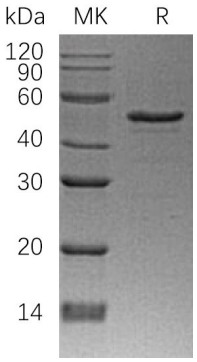
Product Name: Recombinant Human NDRG1 (N-6His)
Catalog #: PEH1200

Summary

Name	NDRG1/N-myc downstream-regulated gene 1 protein/NDRG1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q92597
Host	E.coli
Species	Human
Predicted Molecular Mass	45 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



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Background

Alternative Names	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
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 in stress responses, hormone responses, cell growth and differentiation. Protein NDRG1 is necessary for p53-mediated caspase activation and apoptosis. Protein NDRG1 mutuations 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.

Note

For Research Use Only , Not for Diagnostic Use.