



Recombinant Human Protein NDRG1 (NDRG1)

Product Code	CSB-MP835678HU
Abbreviation	NDRG1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q92597
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SREMQDVDL AEVKPLVEKG ETITGLLQEF DVQEQDIETL HGSVHVTLCG TPKGNRPVIL TYHDIGMNHK TCYNPLFNYE DMQEITQHFA VCHVDAPGQQ DGAASFPAGY MYPSMDQLAE MLPGVLQQFG LKSIIGMG TG AGAYILTRFA LNNPEMVEGL VLINVNPCAE GWMDWAASKI SGWTQALPDM VVSHLFGKEE MQSNVEVVHT YRQHIVNDMN PGNLHLFINA YNSRRDLEIE RPMPGTHTVT LQCPALLVVG DSSPAVDVV ECNSKLDPTK TLLKMACDG GLPQISQPAK LAEAFKYFVQ GMGYMPSASM TRLMRSRTAS GSSVTSLDGT RSRSH TSEGT RSRSH TSEGT RSRSH TSEGA HLDITPNSGA AGNSAGPKSM EVSC
Source	Mammalian cell
Target Names	NDRG1
Protein Names	Recommended name: Protein NDRG1 Alternative name(s): Differentiation-related gene 1 protein Short name= DRG-1 N-myc downstream-regulated gene 1 protein Nickel-specific induction protein Cap43 Reducing agents and tunicamycin-resp
Expression Region	2-394
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. This protein is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. It is necessary for p53-mediated caspase activation and apoptosis. Mutation in this gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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