



# Recombinant Mouse Protein NDRG1 (NdrG1)

<b>Product Code</b>	CSB-EP730792MO-B
<b>Abbreviation</b>	NdrG1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q62433
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SRELHDVDL AEVKPLVEKG ESITGLLQEF DVQEQDIETL HGSLHVTLCG TPKGNRPVIL TYHDIGMNHK TCYNPLFNSE DMQEITQHFA VCHVDAPGQQ DGAPSPVGY MYPSMDQLAE MLPGVLHQFG LKSVIGMG TG AGAYILTRFA LNNPEMVEGL VLMNVNPCA E GWMDWAASKI SGWTQALPDM VVSHLFGKEE IHNNVEVVHT YRQHILNDMN PSNLHLFISA YNSRRDLEIE RPMPGHTHTVT LQCPALLVVG DNPAVDVAVV ECNSKLDPTK TTLKLMADCG GLPQISQPAK LAEAFKYFVQ GMGYMPSASM TRLMRSRTAS GSSVTSLEGT RSRSHTSEGP RRSHTSEGS RRSHTSEDA RLNITPNSGA TGNNAGPKSM EVSC
<b>Source</b>	E.coli
<b>Target Names</b>	NdrG1
<b>Protein Names</b>	Recommended name: Protein NDRG1 Alternative name(s): N-myc downstream-regulated gene 1 protein Short name= Protein Ndr1
<b>Expression Region</b>	2-394
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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