

## Recombinant Human NDRG2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NDRG2-2219H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NDRG2 MS Standard C13 and N15-labeled recombinant protein (NP_963833) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Alternative splicing results in multiple transcript variants.                                                                                           |
| <b>Molecular Mass</b>   | 40.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MAELQEVQITEEKPLLPGQTPEAAKEAELAARILLDQGQTHSVETPYGSVTFTVYGT<br>PKPKRPAILTYHDVGLNYKSCFQPLFQFEDMQEIIQNFRVHVHDAPGMEEGAPVFPL<br>GYQYPSLDELADMIPCVLQYLNFSITIGVGVGAGAYILARYALNHPDVEGLVLINIDP<br>NAKGWMDWAAHKLTLTSSIPMILGHLFSQEELSGNSELIQKYRNIITHAPNLDNIE<br>LYWNSYNNRRDLNFERGGDITLRCPVMLVVGDAQPHEDAVVECNKSLDPTRTSFLK<br>MADSGGQPQLTQPGKLTEAFKYFLQGMGYMASSCMTRLRSRTASLTSAASVDGN<br>RSRRTLSQLSSESGTLSSGPPGHTMEVSCTRTRPLEQKLISEEDLAANDILDYKDDD<br>DKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

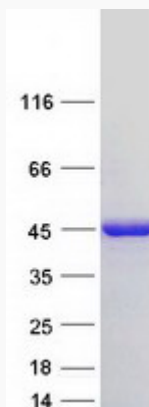
## GENE INFORMATION

|                        |                                                                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NDRG2 NDRG family member 2 [ Homo sapiens (human) ]                                                                                                                                         |
| <b>Official Symbol</b> | NDRG2                                                                                                                                                                                       |
| <b>Synonyms</b>        | NDRG2; NDRG family member 2; protein NDRG2; KIAA1248; SYLD; syld709613 protein; cytoplasmic protein Ndr1; NDR1-related protein NDR2; N-myc downstream regulator 2; FLJ25522; DKFZp781G1938; |
| <b>Gene ID</b>         | 57447                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_201539                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_963833                                                                                                                                                                                   |
| <b>MIM</b>             | 605272                                                                                                                                                                                      |
| <b>UniProt ID</b>      | Q9UN36                                                                                                                                                                                      |

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**SDS-PAGE**

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