

## Recombinant Human NDRG family member 3, His-tagged

**Cat. No.** NDRG3-618H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NDRG3, 1-363aa, Human, His tag, E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-363 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | NDRG3 belongs to the NDRG family and is highly expressed in brain. Recombinant human NDRG3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Liquid. In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 42.4 kDa (386aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | <p>MGSSHHHHHH SSGLVPRGSH MGSMDELQDV QLTEIKPLLN DKEHDIETTH</p> <p>GVVHVTIRGL PKGNRPVILT YHDIGLNHKS CFNAFFNFED MQEITQHFAV</p> <p>CHVDAPGQQE GAPSFTGYQ YPTMDELAEM LPPVLTHLSL KSIIGIGVGA</p> <p>GAYILSRFAL NHPELVEGLV LINVDPCAKG WIDWAASKLS GLTTNVVDII</p> <p>LAHHFGQEEL QANLDLIQTY RMHIAQDINQ DNLQLFLNSY NGRRDLEIER</p> <p>PILGQNDNKS KTLKCSTLLV VGDNSPAVEA VVECNSRLNP INTTLLKMAD</p> <p>CGGLPQVVQP GKLTEAFKYF LQGMGYIPSA SMTRLARSRT HSTSSSLGSG</p> <p>ESPFSSRVTS NQSDGTQESC ESPDVLDRHQ TMEVSC</p> |

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|                            |                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>              | >90 % by SDS - PAGE                                                                                                                                |
| <b>Storage</b>             | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b>       | 0.25 mg/ml (determined by Bradford assay)                                                                                                          |
| <b>GENE INFORMATION</b>    |                                                                                                                                                    |
| <b>Gene Name</b>           | NDRG3 NDRG family member 3 [ Homo sapiens ]                                                                                                        |
| <b>Official Symbol</b>     | NDRG3                                                                                                                                              |
| <b>Gene ID</b>             | 57446                                                                                                                                              |
| <b>mRNA Refseq</b>         | NM_032013.3                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_114402.1                                                                                                                                        |
| <b>MIM</b>                 | 605273                                                                                                                                             |
| <b>UniProt ID</b>          | Q9UGV2                                                                                                                                             |
| <b>Chromosome Location</b> | 20q11.21-q11.23                                                                                                                                    |
| <b>Function</b>            | molecular_function;                                                                                                                                |

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