

# Recombinant human NDRG3 protein

Catalog Number: ATGP2841

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-363aa

### UniProt No.

Q9UGV2

### NCBI Accession No.

NP\_071922

### Alternative Names

Protein NDRG3, NDRG family member 3, N-myc downstream-regulated gene 3 protein

## PRODUCT SPECIFICATION

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### Molecular Weight

42.4 kDa (386aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

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

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMDELQDV QLTEIKPLLN DKEHDIETTH GVVHVTIRGL PKGNRPVILT YHDIGLNHKS  
CFNAFFNFED MQEITQHFAV CHVDAPGQQE GAPSFTGYQ YPTMDELAEM LPPVLTHLSL KSIIGIGVGA GAYILSRFAL  
NHPELVEGLV LINVDPCAAG WIDWAASKLS GLTTNVVDII LAHHFGQEEL QANLDLIQTY RMHIAQDINQ DNLQLFLNSY

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NGRRDLEIER PILGQNDNKS KTLKCSTLLV VGDNSPAVEA VVECNSRLNP INTTLLKMAD CGGLPQVVQP GKLTEAFKYF  
LQGMGYIPSA SMTRLARSRT HSTSSSLGSG ESPFSRSVTS NQSDGTQESC ESPDVLDRHQ TMEVSC

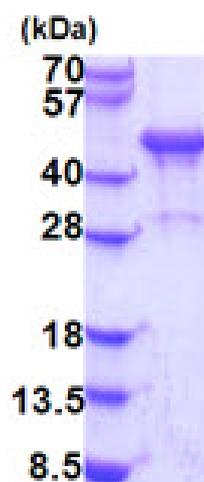
## General References

Wang W., et al. (2009) Int J Cancer. 124(3):521-30.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)