

NDRG1, 1-394 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03119

3th Edition

Synonyms:N-myc downstream regulated 1, CAP43, CMT4D, DRG1, GC4, HMSNL, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5

Description:N-myc downstream regulated gene (NDRG)-1 is one of 4 members of the NDRG ?/?-hydrolase family. This protein is classified in databases as a tumor suppressor and heavy metal-response protein. Its functions include cell-cycle regulation, cellular differentiation, apoptosis, hypoxia response and metal-ion sensing.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1 mM PMSF,10% Glycerol

Molecular Weight:43.9 kDa (402aa)

Sequences:

MSREMQDVDLAEVKPLVEKGETITGLLQEFDVQEEDIETLHGVSVHVTLCGTPKGNRPVILTYHDIGMNHKTCYNPLF
NYEDMQEITQHFAVCHVDAPGQQDGAASFPAGYMYPSMDQLAEMLPGLVQQFGLKSIIGMGTGAGAYILTRFALN
NPEMVEGLVLINVNPCAEGWMDWAASKISGWTQALPDMVVSHLFGKEEMQSNVEVVHTYRQHIVNDMNPGNLHL
FINAYNSRRDLEIERPMPGTHTVTLQCPALLVVGDS SPAVDVVEECNSKLDPTKTTLLKMADCGGLPQISQPAKLAE
AFKYFVQGMGYMPSASMTRLMRSRTASGSSVTSLDGTRSRSHSTSEGTRSRSHSTSEGTRSRSHSTSEGAHLDITPN
SGAAGNSAGPKSMEVSCLEHHHHHH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.