

N-Myc Downstream Regulated 2 Human Recombinant

Item Number	rAP-3707
Synonyms	N-myc downstream-regulated gene 2 protein, NDR1-related protein NDR2, protein NDRG2, NDRG family member 2, cytoplasmic protein Ndr1, syld709613 protein, KIAA1248, SYLD.
Description	NDRG2 Human Recombinant produced in E. coli is a single polypeptide chain containing 381 amino acids (1-357) and having a molecular mass of 41.8 kDa. NDRG2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UN36
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAELQE VQITEEKPLL PGQTPEAAKT HSVETPYGSV TFTVYGTPKP KRPAILTYHD VGLNYKSCFQ PLFQFEDMQE IIQNFVRVHV DAPGMEEGAP VFPLGYQYPS LDQLADMIPC VLQYLNFSIT IGVGVGAGAY ILARYALNHP DTVEGLVLIN IDPNAKGWMD WAAHKLTGLT SSIPEMILGH LFSQEELSGN SELIQKYRNI ITHAPNLDNI ELYWNSYNNR RDLNFERGGD ITLRCPVMLV VGDQAPHEDA VVECNSKLDP TQTSFLKMAD SGGQPQLTQP GKLTEAFKYF LQGMGY- MASS CMTRLRSRST ASLTSAAASVD GNRSRSRTLS QSSESGTLSS GPPGHTMEVS C.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The NDRG2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**