

## 32-4307: Recombinant Human N-Myc Downstream Regulated 2

**Alternative Name :** 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

Source : E.coli. 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. NDRG2 belongs to the N-myc downregulated gene family that is a part of the alpha/beta hydrolase superfamily. NDRG2 takes part in dendritic and neuronal cell differentiation and outgrowth and is found in large quantities in heart, dendritic cells, brain, salivary gland and skeletal muscle and in small quantities in kidney and liver. In Alzheimer Disease (AD)-affected patients NDRG2 is found in brain lesions and is believed to be related to the progression of AD.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The NDRG2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMAELQE VQITEEKPLL PGQTPEAAKT HSVETPYGSV TFTVYGT PKP KRPAILTYHD VGLNYKSCFQ PLFQFEDMQE IIQNFVRVHV DAPGMEEGAP VFPLGYQYPS LDQLADMIPC VLQYLNFTSI IGVGVGAGAY ILARYALNHP DTVEGLVLIN IDPNAKGWMD WAAHKLTGLT SSIPEMILGH LFSQEELSGN SELIQYRNI ITHAPNLDNI ELYWNSYNNR RDLNFERGGD ITLRCPVMLV VGDQAPHEDA VVECNSKLDP TQTSFLKMAD SGGQPQLTQP GKLTEAFKYF LQGMGYMASS CMTRLSRSRT ASL TSAASVD GNRSRSTLS QSESGLTSS GPPGHTMEVS C.

