9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NDRG2 Human

N-Myc Downstream Regulated 2 Human Recombinant
RCP1476

Product Overview

Name	NDRG2 Human
Description	
N-Myc Downstream Regulated 2 Human Recombinant	
Accession (Primary)	Q9UN36
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The NDRG2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAELQE VQITEEKPLL PGQTPEAAKT HSVETPYGSV TFTVYGTPKP KRPAILTYHD VGLNYKSCFQ PLFQFEDMQE IIQNFVRVHV DAPGMEEGAP VFPLGYQYPS LDQLADMIPC VLQYLNFSTI IGVGVGAGAY ILARYALNHP DTVEGLVLIN IDPNAKGWMD WAAHKLTGLT SSIPEMILGH LFSQEELSGN SELIQKYRNI ITHAPNLDNI ELYWNSYNNR RDLNFERGGD ITLRCPVMLV VGDQAPHEDA	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VVECNSKLDP TQTSFLKMAD SGGQPQLTQP GKLTEAFKYF LQGMGYMASS CMTRLSRSRT ASLTSAASVD GNRSRSRTLS QSSESGTLSS GPPGHTMEVS C.

Precautions

NDRG2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UN36)