

NDRG2, 1-357aa, Human, His tag, E.coli

Cat.NO.: TP03120

3th Edition

Synonyms:protein NDRG2, SYLD.

Description:NDRG2, also known as SYLD, is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. Expressed at high levels in heart, brain, dendritic cells, salivary gland and skeletal muscle and at lower levels in liver and kidney, NDRG2 is thought to be involved in dendritic and neuronal cell differentiation and outgrowth. It is found in brain lesions of Alzheimer Disease (AD)-affected patients and is thought to be associated with the progression of AD.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea,10% glycerol, 0.1M NaCl

Molecular Weight:41.8 kDa (381aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMAELQEVQITEEKPLLPGQTPEAAKTHSVETPYGSVTFTVYGTPKPKRPAI
LTYHDVGLNYKSCFQPLFQFEDMQEIIQNFVRVHVDAPGMEEGAPVFPLGYQYPSLDQLADMIPCVLQYLNFTIIG
VGVGAGAYILARYALNHPDTVEGLVLINIDPNAKGWMDWAAHKLTLTSSIPEMILGHLFSQEELSGNSELIQKYRNII
THAPNLDNIELYWNSYNNRRDLNFERGGDITLRCPVMLVVG DQAPHEDAVVECNSKLDPTQTSFLKMADSGGQPQ
LTQP GKLTEAFKYFLQGMGYMASSCMTRLSRSRTASL TSAASVDGNRSRRTLSQSSESGLSSGPPGHTMEVS
C

Purity:> 95% by HPLC

Concentration:1 mg/ml

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.