

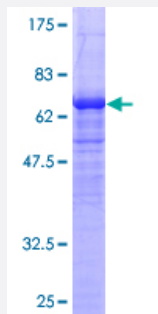
Full-Length

NDRG2 (Human) Recombinant Protein (P01)

Catalog # H00057447-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NDRG2 full-length ORF (AAH11240, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAELQEVQITEEKPLLPGQTPEAAKEAELAARILLDQGQTHSVETPYVSVTFTVYGTPKPKRPAILTYHDVGLNYKSCFQPLFQFEDMQEIIQNFVRVHVDAPGMEEGAPVFPLGYQYPSLDQLADMIPCVLQYLNFSITIGVGVGAGAYILARYALNHPDVEGLVLINIDPNAKGWMDWAAHKLTLTSSIPEMILGHLFSQEELSGNSELIQKYRNIITHAPNLDNIELYWN SYNRRDLNFERGGDITLRCPVMLVVECN SKLDPTQTSFLKMADSGGQPQLTQPGKLTEAFKYFLQGMGYMASSCMTRLRSRRTASLTSAASVDGNRSRRTLSQSSESGTLSSGPPGHTMEVSC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.34

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NDRG2

Entrez GeneID[57447](#)**GeneBank Accession#**[BC011240](#)**Protein Accession#**[AAH11240](#)**Gene Name**

NDRG2

Gene Alias

DKFZp781G1938, FLJ25522, KIAA1248, SYLD

Gene Description

NDRG family member 2

Omim ID[605272](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations

N-myc downstream regulator 2|N-myc downstream-regulated gene 2|NDR1-related protein NDR2|OTTHUMP00000164407|cytoplasmic protein Ndr1|syld709613 protein