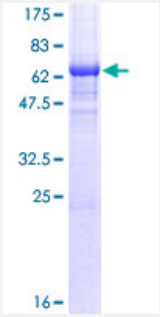
Full-Length

NDRG2 (Human) Recombinant Protein (P02)

Catalog # H00057447-P02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NDRG2 full-length ORF (AAH11240.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAELQEVQITEEKPLLPGQTPEAAKEAELAARILLDQGQTHSVETPYVSVTFTVYGTPKPKRPAILT YHDVGLNYKSCFQPLFQFEDMQEIIQNFVRVHVDAPGMEEGAPVFPLGYQYPSLDQLADMIPCVL QYLNFSTIIGVGVGAGAYILARYALNHPDTVEGLVLINIDPNAKGWMDWAAHKLTGLTSSIPEMILGH LFSQEELSGNSELIQKYRNIITHAPNLDNIELYWNSYNNRRDLNFERGGDITLRCPVMLVVECNSKL DPTQTSFLKMADSGGQPQLTQPGKLTEAFKYFLQGMGYMASSCMTRLSRSRTASLTSAASVDG NRSRSRTLSQSSESGTLSSGPPGHTMEVSC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.1
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.

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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#	BC011240.1
Protein Accession#	AAH11240.1
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 alter natively spliced transcript variants of this gene have been described, but the full-length nature of s ome 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

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