

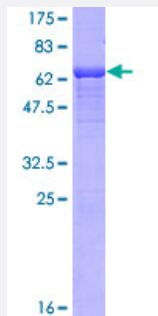
Full-Length

NDRG4 (Human) Recombinant Protein (P01)

Catalog # H00065009-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NDRG4 full-length ORF (AAH11795.1, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPECWDGEHDIETPYGLLHVIRGSPKGNRPAILTYHDVGLNHNKLCFNTFFNFEDMQEITKHFVVC
HVDAPGQQVGASQFPQGYQFPSMEQLAAMLPSVVQHFGFKYVIGIGVGAGAYVLAKFALIFPDLV
EGLVLVNIDPNGKGWIDWAATKLSGLTSTLPDVLVSHLFSQEELVNNTLVQSYRQQIGNVVNQAN
LQLFWNMYNSRRDLINRPGTVPNAKTLRCPVMLVVDNAPAEDGVVECNKLDPTTTTFLKMA
DSGGLPQVTQPGKLTEAFKYFLQGMGYMPSASMTLRARSRTASLTSASSVDGSRPQACTHSES
SEGLGQVNHTMEVSC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.03

Interspecies Antigen Sequence

Mouse (93); 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 — NDRG4

Entrez GeneID[65009](#)**GeneBank Accession#**[BC011795](#)**Protein Accession#**[AAH11795.1](#)**Gene Name**

NDRG4

Gene Alias

DKFZp686I1615, FLJ30586, FLJ42011, KIAA1180, MGC19632, SMAP-8

Gene Description

NDRG family member 4

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 be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. 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

smooth muscle-associated protein 8

Disease

- [Arrhythmias](#)

- [Death](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)