

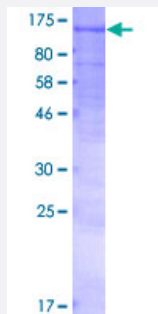
Full-Length

NOD1 (Human) Recombinant Protein (P01)

Catalog # H00010392-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NOD1 full-length ORF (AAH40339.1, 1 a.a. - 953 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEEQGHSEMEIIPSESHPHIQLLKSNNRELLVTHIRNTQCLVDNLLKNDYFSAEDAEMVCACPTQPK
VRKILDLVQSKGEEVSEFFLYLLQQLADAYDLRPWLLEIGFSPSLLTQSKVVVNTDPVSRYTQQL
RHHLGRDSKFVLCYAQKEELLLEEMDTIMELVGFSNESLGSLSLACLLDHTTGILNEQGETIFIL
GDAGVGKSMMLQRLQSLWATGRLDAGVKFFFHFRCRMFSCKESDRLCLQDLLFKHYCYPERD
PEEVFAFLLRFPHVALFTFDGLDELHSDLDLSRVPDSSCPWEPAPHLVLLANLLSGKLLKGASKL
LTARTGIEVPRQFLRKKVLLRGFSPSHLRAYARRMFPERALQDRLLSQLEANPNLCSLCSVPLFC
WIIFRCFQHFRAAFEGSPQLPDCTMTLTDVFLLVTEVHLNRMQPSSLVQRNTHSPVETLHAGRDT
LCSLGQVAHRGMEKSLFVFTQEEVQASGLQERDMQLGFLRALPELGPGGDQQSYEFFHLLTLQA
FFTAFFLVLDLDRVGTQELLRFFQEWMPAGAAATTSCTPPFLPFQCLQGSGPAREDLFKNKDHQFQ
FTNLFLCGLLSKAKQKLLRHLVPAALRRKRKALWAHLFSSLRGYLKSPLRVQVESFNQVQAMPT
FWMLRCIYETQSQKVGQLAARGICANYLKLTYCNACSADCSALSFLVHHFPPKRLALDLNNDNNLND
YGVRELQPCFSRLTVLRLSVNQITDGGVKVLSEELTKYKVTYLGLYNNQITDVGARYVTIKLDECKG
LTHLKLGNKITSEGGKYLALAVKNSKSISEVGMWGNQVGDEGAKAFALRNHPSLTTLASLN
GISTEGGKSLARALQQNTSLEILWLTQNELNDEVAESLAEMLKVNQTLKHLWLIQNQITAKGTAQLA
DALQSNTGITEICLNGNLKPEEAKVYEDEKRIICF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

134.1

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 — NOD1

Entrez GeneID	10392
GeneBank Accession#	BC040339.1
Protein Accession#	AAH40339.1
Gene Name	NOD1
Gene Alias	CARD4, CLR7.1, NLRC1
Gene Description	nucleotide-binding oligomerization domain containing 1
Omim ID	605980
Gene Ontology	Hyperlink
Gene Summary	CARD domain containing 1 caspase recruitment domain 4 caspase recruitment domain family
Other Designations	NLR family, CARD domain containing 1 caspase recruitment domain 4 caspase recruitment domain family, member 4 nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 1

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bacteremia](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Chlamydophila Infections](#)
- [Cholangitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Gastritis](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Helicobacter Infections](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metaplasia](#)
- [Multiple Sclerosis](#)
- [Periodontitis](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Stroke](#)