

Nucleotide-binding oligomerization domain-containing protein 2 (NOD2) Recombinant Protein | NOD2 recombinant protein

Recombinant Bovine Nucleotide-binding oligomerization domain-containing protein 2 (NOD2) , partial

CATALOG # AAA116733	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Nucleotide-binding oligomerization domain-containing protein 2 (NOD2); Recombinant Bovine Nucleotide-binding oligomerization domain-containing protein 2 (NOD2); partial; NOD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-191. Partial
Sequence	MCAQDAFQTQ RSQVLVELLS GSLEGFESIL DRLLSREVLV WEDYEGLSLV GQPISHLARR LLDTIWNKGT WGCEQLTAAV REAQADSQPP ELPSSWDPHS PHPARDLQSH RPAIVRRLYG HVEGVLDLTQ QRGFISQYET DEIRRPFTS SQRARRLLDL ATVKANGLAA FLLQCIQELP VPLALPFEDA A
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for NOD2 recombinant protein	This gene is a member of the Nod1 Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NFkB protein. Mutations in this gene have been associated with Crohn disease and Blau syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50872149
NCBI GeneID	444867
NCBI Accession #	NP_001002889.1
NCBI GenBank Nucleotide #	NM_001002889.1
UniProt Accession #	Q6E804
Molecular Weight	112,800 Da
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 2
NCBI Official Synonym Full Names	nucleotide binding oligomerization domain containing 2
NCBI Official Symbol	NOD2

NCBI Official Synonym Symbols	CARD15
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 2
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 2
UniProt Gene Name	NOD2
UniProt Synonym Gene Names	CARD15

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/nod2-recombinant-protein-e-coli/116733>