

Nucleotide Binding Oligomerization Domain Containing Protein 1 (NOD1) Recombinant Protein | NOD1 recombinant protein

Recombinant Nucleotide Binding Oligomerization Domain Containing Protein 1 (NOD1)

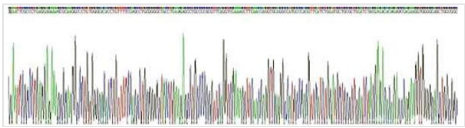
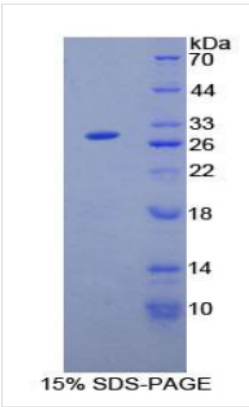
CATALOG # AAA135469	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Nucleotide Binding Oligomerization Domain Containing Protein 1 (NOD1); Recombinant Nucleotide Binding Oligomerization Domain Containing Protein 1 (NOD1); NOD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	ALRRKRKALW AHLFSSLRGY LKSLPRVQVE SFNQVQAMPT FIWMLRCIYE TQSQKVGQLA ARGICANYLK LTYCNAC SAD CSALSFVLHH FPKRLALDLD NNNLNDYGVR ELQPCFSRLT VLRLSVNQIT DGGVKVLSEE LTKYKIVTYL GLYNNQITDV GARYVTKILD ECKGLTHLKL GKNKITSEGG KYLALAVKNS KSISEVGMWG NQVGD
Applicable Applications for NOD1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala612~Asp826
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174617
NCBI GeneID	10392
NCBI Accession #	NP_006083.1
NCBI GenBank Nucleotide #	NM_006092.2
UniProt Accession #	Q9Y239; Q549U4; Q8IWF5
Molecular Weight	Predicted Molecular Mass: 28 kDa Accurate Molecular Mass: 28 kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	nucleotide-binding oligomerization domain-containing protein 1
NCBI Official Synonym Full Names	nucleotide-binding oligomerization domain containing 1
NCBI Official Symbol	NOD1
NCBI Official Synonym Symbols	CARD4; NLRC1; CLR7.1
NCBI Protein Information	nucleotide-binding oligomerization domain-containing protein 1; NLR family, CARD domain containing 1; caspase recruitment domain family, member 4; caspase recruitment domain-containing protein 4; nucleotide-binding oligomerization domain, leucine rich repeat and CARD domain containing 1
UniProt Protein Name	Nucleotide-binding oligomerization domain-containing protein 1
UniProt Gene Name	NOD1
UniProt Synonym Gene Names	CARD4
UniProt Entry Name	NOD1_HUMAN

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://stage.aaabiotech.com/nod1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135469>