

NDR2 recombinant protein

NDR2, Active

CATALOG # AAA73146	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

NDR2; Active; NDR2 recombinant protein

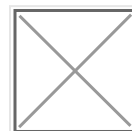
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full Length
Sequence Length	5110
Applicable Applications for NDR2 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for NDR2 recombinant protein	Description: Recombinant full-length human NDR2 (STK38L) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: NDR2 or Nuclear Dbf2-related protein is a serine/threonine kinase in the subgroup of the AGC kinase family. NDR2 is regulated by Mob proteins and is also known as serine/threonine kinase 38 like (STK38L) (1). NDR2 act as novel pro-apoptotic kinase that is activated by RASSF1A/MST1 in response to Fas receptor stimulation and promotes apoptosis (2). NDR2 is mainly involved in the regulation of structural processes in differentiating and mature neuronal cells and it is highly expressed with highest levels observed in the thymus (3).
Product Categories/Family for NDR2 recombinant protein	Enzymes; Active Kinases

References

1. Millward, T. et.al: Molecular cloning and characterization of a conserved nuclear serine (threonine) protein kinase. Proc. Nat. Acad. Sci. 92: 5022-5026, 1995. 2. Vichalkovski A. et.al: NDR kinase is activated by RASSF1A/MST1 in response to Fas receptor stimulation and promotes apoptosis. Curr Biol. 2008 Dec 9;18 (23):1889-95. 3. Devroe E. et.al: Human Mob proteins regulate the NDR1 and NDR2 serine-threonine kinases. J. Biol. Chem. 279:24444-24451, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209571510
NCBI GeneID	23012
NCBI Accession #	NM_015000.3
NCBI GenBank Nucleotide #	NM_015000
UniProt Accession #	Q9Y2H1; Q8TBX7; A8K4U0; B4E3J8
Molecular Weight	~82 kDa
NCBI Official Full Name	Homo sapiens serine/threonine kinase 38 like (STK38L), mRNA
NCBI Official Synonym Full Names	serine/threonine kinase 38 like
NCBI Official Symbol	STK38L
NCBI Official Synonym Symbols	NDR2
NCBI Protein Information	serine/threonine-protein kinase 38-like
UniProt Protein Name	Serine/threonine-protein kinase 38-like
UniProt Gene Name	STK38L

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/stk38l-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73146>