

Nuclear Mitotic Apparatus Protein 1 (NUMA1) Recombinant Protein | NUMA1 recombinant protein

Recombinant Nuclear Mitotic Apparatus Protein 1 (NUMA1)

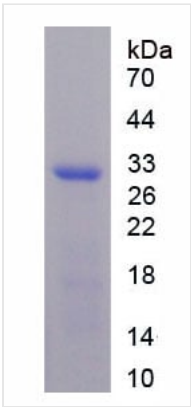
CATALOG # AAA152023	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Nuclear Mitotic Apparatus Protein 1 (NUMA1); Recombinant Nuclear Mitotic Apparatus Protein 1 (NUMA1); NUMA1/Nuclear Mitotic Apparatus Protein 1; NMP22; NUMA; Nuclear matrix protein-22; SP-H antigen; NUMA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for NUMA1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Pro212
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in ddH ₂ O 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 degree C for one month. Aliquot and store at -80 degree 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 degree 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

MTLHATRGAA LLSKVNLSLHV ADPVEAVLQL QDCSIFIKII DRIHGTEEGQ
QILKQPVSER LDFVCSFLQK NRKHPSSPEC LVSAQKVLEG SELELAKMTH
LLLYHSTMSS KSPRDWEQFE YKIQAEHAVI LKFVLDHEDG LNLNEDLENF
LQKAPVPSTC SSTFPEELSP PSHQAKREIR FLELQKVASS SSGNNFLSGS
PASPMGDILQ TP

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for NUMA1 recombinant protein	Developmental science; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71361682
NCBI GeneID	4926
NCBI Accession #	NP_006176.2
NCBI GenBank Nucleotide #	NM_006185.2
UniProt Accession #	Q14980; Q14981; H0YH75
Molecular Weight	Predicted Molecular Mass: 27.3kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	nuclear mitotic apparatus protein 1
NCBI Official Synonym Full Names	nuclear mitotic apparatus protein 1
NCBI Official Symbol	NUMA1
NCBI Official Synonym Symbols	NUMA
NCBI Protein Information	nuclear mitotic apparatus protein 1; SP-H antigen; structural nuclear protein; centrophilin stabilizes mitotic spindle in mitotic cells
UniProt Protein Name	Nuclear mitotic apparatus protein 1
UniProt Gene Name	NUMA1
UniProt Synonym Gene Names	NUMA; NuMA protein
UniProt Entry Name	NUMA1_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.