# Recombinant Nuclear Mitotic Apparatus Protein 1 (NUMA1) Instruction Manual

# SIPC223Hu01

# Homo sapiens (Human)

Source	Prokaryotic expression		
Host	E.coli		
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)		
Subcellular Location	Nucleus, Cytoplasm, Chromosome		
Predicted Molecular Mass	48.7kDa 50/56kDa(Analysis of differences refer to the manual)		
Accurate Molecular Mass			
Residues & Tags	Phe1700~His2115 with N-terminal His Tag		
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.		
Traits	Freeze-dried powder		
Purity	> 95%		
Isoelectric Point	10.2		
Applications	Positive Control; Immunogen; SDS-PAGE; WB.		

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## SEQUENCE

QVATDALKSR	EPQAKPQLDL	SIDSLDLSCE	EGTPLSITSK	LPRTQPDGTS
VPGEPASPIS	QRLPPKVESL	ESLYFTPIPA	RSQAPLESSL	DSLGDVFLDS
GRKTRSARRR	TTQIINITMT	KKLDVEEPDS	ANSSFYSTRS	APASQASLRA
TSSTQSLARL	GSPDYGNSAL	LSLPGYRPTT	RSSARRSQAG	VSSGAPPGRN
SFYMGTCQDE	PEQLDDWNRI	AELQQRNRVC	PPHLKTCYPL	ESRPSLSLGT
ITDEEMKTGD	PQETLRRASM	QPIQIAEGTG	ITTRQQRKRV	SLEPHQGPGT
PESKKATSCF	PRPMTPRDRH	EGRKQSTTEA	QKKAAPASTK	QADRRQSMAF
SILNTPKKLG	NSLLRRGASK	KALSKASPNT	RSGTRRSPRI	ATTTASAATA
AAIGATPRAK	GKAKH			

#### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

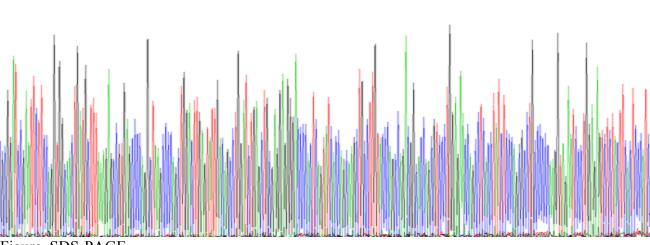
#### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at - 80°C for 12 months.

#### STABILITY

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.





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Figure. SDS-PAGE

## [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.