Recombinant Rat Nat5 Protein, His-tagged

Cat. No. Nat5-1818R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nat5 Protein (Phe7-Glu188) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe7-Glu188
Description	Predicted to enable microtubule binding activity. Predicted to be involved in several processes, including negative regulation of cell migration; negative regulation of interleukin-2 production; and regulation of microtubule polymerization or depolymerization. Located in nuclear envelope. Is expressed in central nervous system; liver; lung; notochord; and retina layer. Orthologous to human NAV3 (neuron navigator 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.5 kDa Accurate Molecular Mass: 25 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Nat5 N-acetyltransferase 5 [Rattus norvegicus (Norway rat)]
Official Symbol	Nat5
Synonyms	NAT5; N-acetyltransferase 5; N-alpha-acetyltransferase 20, NatB catalytic subunit; N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae);
Gene ID	362228
mRNA Refseq	NM_001108595
Protein Refseq	NP_001102065
UniProt ID	B2RZ44

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