Recombinant Human NSF protein, His & T7-tagged

Cat. No. NSF-7980H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSF aa. (Asp590~Asp744 (Accession # P46459)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp590~Asp744
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

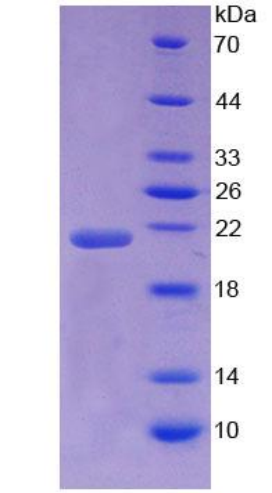
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	NSF N-ethylmaleimide sensitive factor, vesicle fusing ATPase [Homo sapiens (human)]
Official Symbol	NSF
Synonyms	SKD2; SEC18; N-ethylmaleimide-sensitive factor-like protein; N-ethylmaleimide-sensitive fusion protein; NEM-sensitive fusion protein; vesicular-fusion protein NSF; vesicle-fusing ATPase
Gene ID	4905
mRNA Refseq	NM_006178.3
Protein Refseq	NP_006169.2
UniProt ID	P46459

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SDS-PAGE	 15% SDS-PAGE

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