

Recombinant Human NSF protein(394-744 aa), His-tagged

Cat. No. NSF-1372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSF protein(394-744 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	394-744 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EIGLPDEKGRLQILHIHTARMRGHQLLSADV DIKELAVETKNFSGAELEGLVRAAQST AMNRHIKASTKVEVDM EKAE SLQVTRGDFLASLENDIKPAFGTNQEDYASYIMNGIIK WGDPVTRVLDDGELLVQQTKNSDRTPLVSVLLEGPPHSGKTALAAKIAEESNFPFIKI CSPDKMIGFSETAKCQAMKKIFDDAYKSQLSCVVVDDIERLLDYVPIGPRFSNLVLQA LLVLLKKAPPQGRKLLIIGTTSRKDVLQEMEMLNAFSTTIHVPNIATGEQLLEALELLG NFKDKERTTIAQQVKGKKVWIGIKLLMLIEMSLQMDPEYRVRKFLALLREEGASPLD FD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name	NSF N-ethylmaleimide-sensitive factor [Homo sapiens]
Official Symbol	NSF
Synonyms	NSF; N-ethylmaleimide-sensitive factor; vesicle-fusing ATPase; N ethylmaleimide sensitive factor like protein; SKD2; NEM-sensitive fusion protein; vesicular-fusion protein NSF; N-ethylmaleimide-sensitive fusion protein; N-ethylmaleimide-sensitive factor-like protein
Gene ID	4905
mRNA Refseq	NM_006178
Protein Refseq	NP_006169
MIM	601633
UniProt ID	P46459

SDS-PAGE

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