

Product Data Sheet

Recombinant Human NSF Protein

Catalog #	Source	Reactivity	Applications
CST1543	E. coli	H	
Description	Recombinant Human NSF Protein is produced by E. coli expression system and the target gene encoding Cys11-Cys250 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	NSF		
Alternative Names	Vesicle-fusing ATPase; N-ethylmaleimide-sensitive fusion protein; NEM-sensitive fusion protein; Vesicular-fusion protein NSF		
Entrez Gene	4905		
SwissProt	P46459		
Purity			
Chemical Structure	CPTDELSLTN CAVVNEKDFQ SGQHVIVRTS PNHRYTFTLK THPSVVPGSI AFSLPQRKWA GLSIGQEIEV SLYTFDKAKQ CIGTMTIEID FLQKKSIDSN PYDTDKMAAE FIQQFNNQAF SVGQQLVFSF NEKLFGLLVK DIEAMDPSIL KGEPATGKRQ KIEVGLVVGN SQVAFEKAEN SSLNLIGKAK TKENRQSIIN PDWNFEKMG I GGLDKEFSDI FRRASFASRVF PP		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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