

Datasheet for ABIN7554808
NSF Protein (AA 1-744) (His tag)



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Overview

Quantity:	1 mg
Target:	NSF
Protein Characteristics:	AA 1-744
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NSF protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NSF Protein expressed in mammalian cells.
Sequence:	MAGRSMQAAR CPTDELSLTN CAVVNEKDFQ SGQHVVIVRTS PNHRYTFTLK THPSVVPGSI AFSLPQRKWA GLSIGQEIEV SLYTFDKAKQ CIGTMTIEID FLQKKSIDSN PYDTDKMAAE FIQQFNNQAF SVGQQLVFSF NEKLFGLLVK DIEAMDPSIL KGEPATGKRQ KIEVGLVVGN SQVAFEKAEN SSLNLIGKAK TKENRQSIIN PDWNFEKMGI GGLDKEFSDI FRRAFASRVF PPEIVEQMGC KHVKGILLYG PPGCGKTLA RQIGKMLNAR EPKVVNGPEI LNKYVGESEA NIRKLFADAE EEQRRLGANS GLHIIIFDEI DAICKQRGSM AGSTGVHDTV VNQLLSKIDG VEQLNNILVI GMTNRPDLID EALLRPGRL VKMEIGLPDE KGRLQILHIH TARMRGHQLL SADVDIKELA VETKNFSGAE LEGLVRAAQS TAMNRHIKAS TKVEVDMEKA ESLQVTRGDF LASLENDIKP AFGTNQEDYA SYIMNGIIKW GDPVTRVLDD GELLVQQTKN SDRTPLVSVL LEGPPHSGKT ALAAKIAEES NFPFIKICSP DKMIGFSETA KCQAMKKIFD DAYKSQLSCV VVDDIERLLD YVPIGPRFSN LVLQALLVLL KKAPPQGRKL LIIGTTSRKD VLQEMEMLNA FSTTIHVPNI ATGEQLLEAL ELLGNFKDKE RTTIAQQVKG KKVWIGIKKL LMLIEMSLQM

Product Details

DPEYRVRKFL ALLREEGASP LDFD **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: NSF

Alternative Name: NSF ([NSF Products](#))

Background: Vesicle-fusing ATPase (EC 3.6.4.6) (N-ethylmaleimide-sensitive fusion protein) (NEM-sensitive fusion protein) (Vesicular-fusion protein NSF),FUNCTION: Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seems to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin. Interaction with AMPAR subunit GRIA2 leads to influence GRIA2 membrane cycling (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 82.6 kDa

UniProt: [P46459](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months