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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NFS1 (Human) Recombinant Protein (P01)

Catalog Number: H00009054-P01

Regulation Status: For research use only (RUO)

Product Description: Human NFS1 full-length ORF (NP_066923.3, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLLRAAWRRAAVAVTAAPGPKPAAPTRGLRLRVGDR
APQSAVPADTAAPEVGPVLRPLYMDVQATTPLDPRV
LDAMPLPYLINYYGNPHSRTHAYGWEEAAMERARQQ
VASLIGADPREIIFTSGATESNNIAIKGVARFYRSRKKHL
ITTQTEHKCVLDSCRSLAEGFQVTYLPVQKSGIIDLKE
LEAAIQPDTSLVSVMTVNNEIGVKQPIAEIGRICSSRKV
YFHTDAAQAVGKIPLDVNDMKIDLMSISGHKIYGPKGV
GAIYIRRRPRVRVEALQSGGGQERGMRSGTVPTPLVV
GLGAACEVAQQEMEYDHKRISKLSELIQNIMKSLPDV
VMNGDPKHHYPGCINLSFAYVEGESLLMALKDVALSS
GSACTSASLEPSYVLRAIGTDEDLAHSIRFGIGRFTTE
EEVDYTVEKCIQHVKRLREMSPLWEMVQDGIDLKSIK
WTQH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.6

Interspecies Antigen Sequence: Mouse (91); Rat (91)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 9054

Gene Symbol: NFS1

Gene Alias: HUSSY-08, IscS, NIFS

Gene Summary: Iron-sulfur clusters are required for the function of many cellular enzymes. The protein encoded by this gene supplies inorganic sulfur to these clusters by removing the sulfur from cysteine, creating alanine in the process. This gene uses alternate in-frame translation initiation sites to generate mitochondrial forms and cytoplasmic/nuclear forms. Selection of the alternative initiation sites is determined by the cytosolic pH. The encoded protein belongs to the class-V family of pyridoxal phosphate-dependent aminotransferases. [provided by RefSeq]