

Recombinant Human NFS1 protein ab160314

1 Image

Description	
Product name	Recombinant Human NFS1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLLRAAWRRRAAVAVTAAPGPKPAAPTRGLRLRVGDRAP QSAVPADTAAAP EVGPVLRPLYMDVQATTPLDPRVLDAMLPYLINYGNPHS RTHAYGWESE AAMERARQQVASLIGADPREIIFTSGATESNNIAIKGVARFY RSRKKHLI TTQTEHKCVLDSCRSLEAEGFQVTYLPVQKSGIIDLKELEA AIQPDTSLV SVMTVNNEIGVKQPIAEIGRICSSRKVYFHTDAAQAVGKIPL DVNDMKID LMSISGHKIYGPKGVGAIMRRRPRVRVEALQSGGGQERGM RSGTVPTPL VVGLGAACEVAQQEMEYDHKRISKLSERLIQNIMKSLPDV VMNGDPKHHY PGCINLSFAYVEGESLLMALKDVALSSGSACTSASLEPSY VLRAIGTDED LAHSSIRFGIGRFTTEEEVDYTVEKCIQHVKRLREMSPLWE MVQDGIDLK SIKWTQH
Amino acids	1 to 457
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab160314** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot

**Form** Liquid

**Additional notes**

## Preparation and Storage

**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

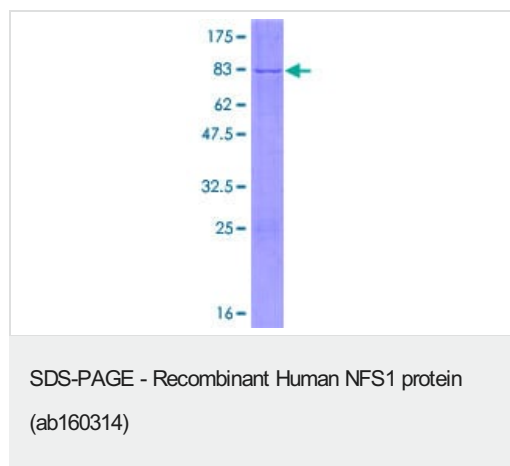
**Function** Catalyzes the removal of elemental sulfur from cysteine to produce alanine. It supplies the inorganic sulfur for iron-sulfur (Fe-S) clusters. May be involved in the biosynthesis of molybdenum cofactor.

**Tissue specificity** Predominantly expressed in heart and skeletal muscle. Also found in brain, liver and pancreas.

**Sequence similarities** Belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family. NifS/IscS subfamily.

**Cellular localization** Cytoplasm. Nucleus and Mitochondrion.

## Images



ab160314 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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