

# Recombinant Human NFS1

Catalog No: #GP13516



Package Size: #GP13516-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human NFS1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-189 amino acids of human NFS1
Target Name	NFS1, cysteine desulfurase
Other Names	IscS; NIFS; HUSSY-08
Accession No.	Swissprot:Q9Y697Gene Accession:BC018471
Uniprot	Q9Y697
GeneID	9054;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Iron-sulfur clusters are required for the function of many cellular enzymes. The proteins encoded by this gene supply 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 proteins belong to the class-V family of pyridoxal phosphate-dependent aminotransferases. Alternatively spliced transcript variants have been described.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only