

Recombinant Human ISCU

Catalog No: #GP13097



Package Size: #GP13097-1 100ug

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Description

Product Name	Recombinant Human ISCU
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-167 amino acids of human ISCU
Target Name	iron-sulfur cluster assembly enzyme
Other Names	HML; ISU2; NIFU; NIFUN; hnifU; 2310020H20Rik
Accession No.	Swissprot:Q9H1K1Gene Accession:BC011906
Uniprot	Q9H1K1
GeneID	23479;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a component of the iron-sulfur (Fe-S) cluster scaffold. Fe-S clusters are cofactors that play a role in the function of a diverse set of enzymes, including those that regulate metabolism, iron homeostasis, and oxidative stress response. Alternative splicing results in transcript variants encoding different protein isoforms that localize either to the cytosol or to the mitochondrion. Mutations in this gene have been found in patients with hereditary myopathy with lactic acidosis. A disease-associated mutation in an intron may activate a cryptic splice site, resulting in the production of a splice variant encoding a putatively non-functional protein. A pseudogene of this gene is present on chromosome 1.

References

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

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