

Recombinant Human ISCA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ISCA1-3241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ISCA1 MS Standard C13 and N15-labeled recombinant protein (NP_112202) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions.
Molecular Mass	14.2 kDa
AA Sequence	MSASLVRATVRAVSKRKLQPTRAALTLTPSAVNKIKQLLKDKPEHVGKVGVRTRGC NGLSYTLEYTKTKGDSDEEVIQDGVRVFIEKKAQLTLLGTEM DYVEDKLSSEFVFNN PNIKGTCGCGESFNITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ISCA1 iron-sulfur cluster assembly 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [ISCA1](#)

Synonyms

ISCA1; iron-sulfur cluster assembly 1 homolog (S. cerevisiae); HBLD2, HESB like domain containing 2; iron-sulfur cluster assembly 1 homolog, mitochondrial; hIsca; ISA1; MGC4276; HESB like domain containing 2; iron sulfur assembly protein Isca; iron-sulfur assembly protein Isca; HESB-like domain-containing protein 2; HBLD2; RP11-507D14.2;

Gene ID [81689](#)

mRNA Refseq [NM_030940](#)

Protein Refseq [NP_112202](#)

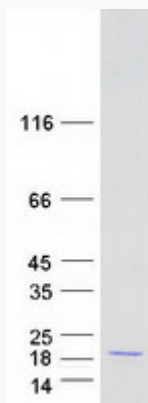
MIM [611006](#)

UniProt ID [Q9BUE6](#)

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SDS-PAGE

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