

# Recombinant Human ISCA1, His-tagged

**Cat. No.** ISCA1-165H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ISCA1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-129aa                                                                                                                                                               |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ISCA1 iron-sulfur cluster assembly 1 homolog (S. cerevisiae) [ Homo sapiens ]                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | ISCA1                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | 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; |

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|                     |                                                                               |
|---------------------|-------------------------------------------------------------------------------|
|                     | RP11-507D14.2;                                                                |
| Gene ID             | 81689                                                                         |
| mRNA Refseq         | NM_030940                                                                     |
| Protein Refseq      | NP_112202                                                                     |
| MIM                 | 611006                                                                        |
| UniProt ID          | Q9BUE6                                                                        |
| Chromosome Location | 9q22.1                                                                        |
| Function            | iron-sulfur cluster binding; metal ion binding; structural molecule activity; |