

# Recombinant Human ISCA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ISCA2-3880H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ISCA2 MS Standard C13 and N15-labeled recombinant protein (NP_919255) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The protein encoded by this gene is an A-type iron-sulfur cluster (ISC) protein found in mitochondria. The encoded protein appears to be involved in the maturation of mitochondrial iron-sulfur proteins. Two transcript variants encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 16.4 kDa                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MAAAWGSSLTAAATQRAVTPWPRGRLLTASLGPQARREASSSSPEAGEGQICLTDS<br>CVQRLLEITEGSEFLRLQVEGGGCSGFQYKFSLDTVINPDDRVEQGGARVVVDSD<br>SLAFVKGAQVDFSQELIRSSFQVLNNPQAQQGCSCGSSFSIKLTRTRPLEQKLISEE<br>DLAANDILDYKDDDDKV                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                   |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                    |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                              |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | ISCA2 iron-sulfur cluster assembly 2 [ Homo sapiens (human) ]                                                                                                                                                                                            |
| <b>Official Symbol</b>  | ISCA2                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>         | ISCA2; iron-sulfur cluster assembly 2 homolog (S. cerevisiae); HBLD1, HesB like domain containing 1; iron-sulfur cluster assembly 2 homolog, mitochondrial; ISA2; HesB like domain containing 1; HESB-like domain-containing protein 1; HBLD1; c14_5557; |
| <b>Gene ID</b>          | 122961                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_194279                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_919255                                                                                                                                                                                                                                                |
| <b>MIM</b>              | 615317                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | Q86U28                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA