Recombinant Human ISCA1 Protein, GST-tagged

Cat. No. ISCA1-4605H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HBLD2 full-length ORF (AAH02675, 1 a.a. - 129 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).[supplied by OMIM
Molecular Mass	39.93 kDa
AA Sequence	MSASLVRATVRAVSKRKLQPTRAALTLTPSAVNKIKQLLKDKPEHVGVKVGVRTRGC NGLSYTLEYTKTKGDSDEEVIQDGVRVFIEKKAQLTLLGTEMDYVEDKLSSEFVFNN PNIKGTCGCGESFNI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

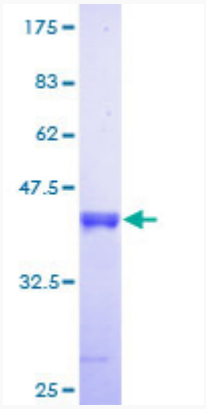
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ISCA1 iron-sulfur cluster assembly 1 homolog (S. cerevisiae) [Homo sapiens]
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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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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