

Recombinant Mouse Isca1 Protein, Myc/DDK-tagged

Cat. No. Isca1-3581M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length iron-sulfur cluster assembly 1 homolog (S, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway. Probably involved in the binding of an intermediate of Fe/S cluster assembly.
Molecular Mass	14.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Isca1 iron-sulfur cluster assembly 1 [Mus musculus (house mouse)]
Official Symbol	Isca1
Synonyms	Isca1; iron-sulfur cluster assembly 1; Hbld; Hbld2; 1810010A06Rik; iron-sulfur cluster assembly 1 homolog, mitochondrial; HESB like domain containing 2; HESB-like domain-containing protein 2; iron-sulfur assembly protein IscA; EC 2.7.7.52
Gene ID	69046
mRNA Refseq	NM_026921
Protein Refseq	NP_081197
UniProt ID	Q9D924

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