

Recombinant Human SLC25A37 Protein (E2-Y338), 8×His-MBP, Flag tagged

Cat. No. SLC25A37-0693H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC25A37(E2-Y338)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	E2-Y338
Description	Mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells, thereby playing an essential role in heme biosynthesis. The iron delivered into the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Formulation:

Shipping

It is shipped out with blue ice.

GENE INFORMATION

Gene Name

SLC25A37 solute carrier family 25 (mitochondrial iron transporter), member 37 [Homo sapiens (human)]

Official Symbol

SLC25A37

Synonyms

SLC25A37; solute carrier family 25 (mitochondrial iron transporter), member 37; solute carrier family 25, member 37; mitoferrin-1; MFRN; MFRN1; mitoferrin; MSCP; predicted protein of HQ2217; mitochondrial iron transporter 1; mitochondrial solute carrier protein; MSC; HT015; PRO1278; PRO1584; PRO2217;

Gene ID

51312

mRNA Refseq

NM_016612

Protein Refseq

NP_057696

MIM

610387

UniProt ID

Q9NYZ2

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