

Recombinant Human SLC25A37 protein, GST-tagged

Cat. No. SLC25A37-301328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC25A37 protein(1-44 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-44 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MELRSGSVGSQAVARRMDGDSRDGGGGKDATGSEDYENLPTSAS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

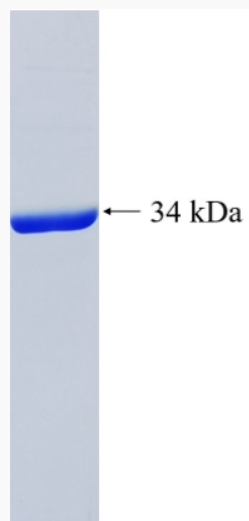
Gene Name	SLC25A37 solute carrier family 25 (mitochondrial iron transporter), member 37 [Homo sapiens]
Official Symbol	SLC25A37
Synonyms	SLC25A37; solute carrier family 25 (mitochondrial iron transporter), member 37; solute carrier family 25, member 37; mitoferrin-1; MFRN; MFRN1; mitoferrin; MSCP; predicted 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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SDS-PAGE



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