SLC25A38 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SLC25A38, Lysate
Full Product Name	Human SLC25A38 Protein Lysate
Product Gene Name	SLC25A38 lysate
Product Synonym Names	SLC25A38; SIDBA2; SIDBA2
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	33kDa
OMIM	610819
3D Structure	ModBase 3D Structure for Q96DW6
Related Product Information for SLC25A38 lysate	Human SLC25A38 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of SLC25A38 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC25A38 purchase	MBS8419607 is a lysate targeting SLC25A38. Also known as Human SLC25A38 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC25A38. It may not necessarily be applicable to this product.

NCBI GI #	157388925
NCBI GeneID	54977
NCBI Accession #	NP_060345
UniProt Primary Accession #	Q96DW6
UniProt Related Accession #	Q96DW6
GenBank Nucleotide #	NM_017875
NCBI Official Full Name	mitochondrial glycine transporter isoform 1
NCBI Official Synonym Full Names	solute carrier family 25 member 38
NCBI Official Symbol	SLC25A38
NCBI Official Synonym Symbols	SIDBA2
UniProt Protein Name	Solute carrier family 25 member 38
Protein Family	Solute carrier family

UniProt Gene Name	SLC25A38
UniProt Entry Name	S2538_HUMAN
NCBI Protein Information	mitochondrial glycine transporter
NCBI Summary for SLC25A38	This gene is a member of the mitochondrial carrier family. The encoded protein is required during erythropoiesis and is important for the biosynthesis of heme. Mutations in this gene are the cause of autosomal congenital sideroblastic anemia (anemia, sideroblastic, 2, pyridoxine-refractory). A related pseudogene is found on chromosome 1. [provided by RefSeq, Aug 2017]
Research Articles on SLC25A38	**1.** report confirms the considerable variability in manifestations among patients with ALAS2 or SLC25A38 mutations and draws attention to differences in the assessment and the monitoring of iron overload and its complications
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