Recombinant Human SLC25A32 293 Cell Lysate

Cat. No. SLC25A32-1768HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 25, member 32 (SLC25A32), nuclear gene encoding mitochondrial protein is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	SLC25A32 solute carrier family 25 (mitochondrial folate carrier) , member 32 [Homo sapiens]
Official Symbol	SLC25A32
Synonyms	SLC25A32; solute carrier family 25 (mitochondrial folate carrier) , member 32; solute carrier family 25, member 32; mitochondrial folate transporter/carrier; MFTC; MFT; FLJ23872;
Gene ID	81034
mRNA Refseq	NM_030780
Protein Refseq	NP_110407
MIM	610815
UniProt ID	Q9H2D1
Chromosome Location	8q22.3
Pathway	Metabolism, organism-specific biosystem; Metabolism of folate and pterines, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific

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	biosystem;
Function	folic acid transporter activity;

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