

Recombinant Mouse Slc50a1 Protein, Myc/DDK-tagged

Cat. No. Slc50a1-5938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 50 (sugar transporter), member 1 (Slc50a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mediates sugar transport across membranes. May regulate the expression of RAG1 a gene involved in V(D)J recombination.
Molecular Mass	24.6 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	Slc50a1 solute carrier family 50 (sugar transporter), member 1 [Mus musculus (house mouse)]
Official Symbol	Slc50a1
Synonyms	SLC50A1; solute carrier family 50 (sugar transporter), member 1; sugar transporter SWEET1; RAG1-activating protein 1; solute carrier family 50 member 1; probable sugar transporter RAG1AP1; recombination activating gene 1 gene activation; recombination activating gene 1 activating protein 1; Rga; Rag1ap1; MmSWEET1
Gene ID	19729
mRNA Refseq	NM_009057
Protein Refseq	NP_033083
UniProt ID	Q9C XK4

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