

Recombinant Human MCT1, GST-tagged

Cat. No. MCT1-788H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-50aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SLC16A1? solute carrier family 16 (monocarboxylate transporter), member 1 [?Homo sapiens?(human)]
Official Symbol	SLC16A1
Synonyms	SLC16A1; MCT; HHF7; MCT1; solute carrier family 16 (monocarboxylate transporter), member 1; monocarboxylate transporter 1; MCT 1; solute carrier family 16 member 1; solute carrier family 16 (monocarboxylic acid transporters), member 1; solute carrier

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	family 16, member 1 (monocarboxylic acid transporter 1)
Gene ID	6566
mRNA Refseq	NM_001166496
Protein Refseq	NP_001159968
MIM	600682
UniProt ID	P53985
Chromosome Location	1p12
Pathway	Basigin interactions; Cell surface interactions at the vascular wall; Proton-coupled monocarboxylate transport
Function	mevalonate transmembrane transporter activity; monocarboxylic acid transmembrane transporter activity; secondary active monocarboxylate transmembrane transporter activity

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