

Recombinant Human MTCH2 Protein, GST/His-tagged

Cat. No. MTCH2-2010H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MTCH2 protein, fused to GST-tagged at N-terminus and His-tagged at C-terminus, was expressed in E. coli
Species	Human
Source	E.coli
Description	This gene encodes a member of the SLC25 family of nuclear-encoded transporters that are localized in the inner mitochondrial membrane. Members of this superfamily are involved in many metabolic pathways and cell functions. Genome-wide association studies in human have identified single-nucleotide polymorphisms in several loci associated with obesity. This gene is one such locus, which is highly expressed in white adipose tissue and adipocytes, and thought to play a regulatory role in adipocyte differentiation and biology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study showed this gene to be an authentic stop codon readthrough target, and that its mRNA can give rise to an additional C-terminally extended isoform by use of an alternative in-frame translation termination codon. [provided by RefSeq, Nov 2015].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	59.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name MTCH2 mitochondrial carrier 2 [Homo sapiens]

Official Symbol MTCH2

Synonyms HSPC032; MIMP; SLC25A50

Gene ID 23788

mRNA Refseq NM_014342

Protein Refseq NP_055157

MIM 613221

UniProt ID Q9Y6C9

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