

Recombinant Full Length Human SUGCT Protein, GST-tagged

Cat. No. SUGCT-2720HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human SUGCT full-length ORF (AAH98318.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	471 amino acids
Description	This gene encodes a protein that is similar to members of the CaiB/baiF CoA-transferase protein family. Mutations in this gene are associated with glutaric aciduria type III. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]
Molecular Mass	77.6 kDa
AA Sequence	MPSETHAMLATLARVAALRRTCLFSGRGGGRGLWTGRPQSDMNNIKPLEGVKILD TRVLAGPFATMNLGDLGAEEVIKVERPGAGDDTRTWGPPFVGTESTYYLSVNRNKK IAVNIKDPKGVKIIKELAAVCDVFVENYVPGKLSAMGLGYEDIDEIAPHIIYCSITGYGQ TGPISQRAGYDAVASAVSGLMHITGPENGDVPRPGVAMTDLATGLYAYGAIMAGLIQ KYKTGKGLFIDCNLLSSQVACLISHIAANYLIGQKEAKRWGTAHGSIVPYQAFKTKDG YIVVGAGNNQQFATVCKILDLPOLIDNSKYKTNHLRVHNRKELIKILSERFEEELTSKW LYLFEGSGVPYGPINNMKNVFAEPQNAVSGFQSLHSLAHGPFLHLQGSARVLHNG LVMEMEHPTVGKISVPGPAVRYSKFKMSEARPPPLLQHTTHILKEVLRYYDDRAIGE LLSAGVVDQHETH

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	SUGCT succinyl-CoA:glutarate-CoA transferase [Homo sapiens (human)]
Official Symbol	SUGCT
Synonyms	SUGCT; succinyl-CoA:glutarate-CoA transferase; C7ORF10; chromosome 7 open reading frame 10; caiB/baiF CoA-transferase family protein C7orf10; dermal papilla derived protein 13; DERP13; FLJ11808; ORF19; Russel Silver syndrome candidate; Russel-Silver syndrome candidate; dermal papilla-derived protein 13; FLJ53872;
Gene ID	79783
mRNA Refseq	NM_001193311
Protein Refseq	NP_001180240
MIM	609187
UniProt ID	Q9HAC7

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