



# Recombinant Human Long-chain fatty acid transport protein 2 (SLC27A2), partial

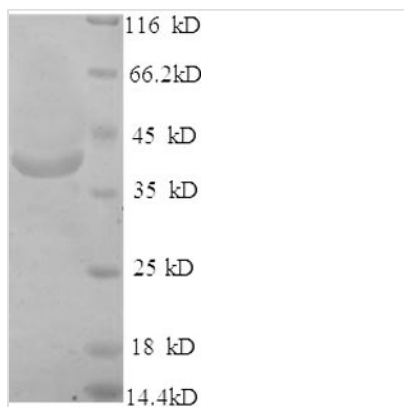
<b>Product Code</b>	CSB-YP021534HU
<b>Relevance</b>	Acyl-CoA synthetase probably involved in bile acid metabolism. Proposed to activate C27 precursors of bile acids to their CoA thioesters derivatives before side chain cleavage via peroxisomal beta-oxidation occurs. In vitro, activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol. Does not utilize C24 bile acids as substrates. In vitro, also activates long- and branched-chain fatty acids and may have additional roles in fatty acid metabolism. May be involved in translocation of long-chain fatty acids (LFCA) across mbranes .
<b>Abbreviation</b>	Recombinant Human SLC27A2 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O14975
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	GATLALRTKFSASQFWDDCRKYNVTVIQYIGELLRYLCNSPQKPNDRDHKVRL ALGNGLRGDVWRQFVKRFGDICIYEFYAATEGNIGFMNYARKVGVAVGRVNYL QKKIITYDLIKYDVEKDEPVRDENGVCVRVPKGEVGLLVCKITQLTPFNGYAGA KAQTEKKLRDVFKKGDLYFNSGDLLMVDHENFIYFHDRVGDTRFWKGENVA TTEVADTVGLVDFVQEVNVYGVHVPDHEGRIGMASIKMKENHEFDGKKLFQHI ADYLPSYARPRFLRIQDTIEITGTFKHRKMTLVEEGFNPAVIKDALYFLDDTAKM YVPMTEDIYNAISAKTLKL
<b>Research Area</b>	Metabolism
<b>Source</b>	Yeast
<b>Target Names</b>	SLC27A2
<b>Protein Names</b>	Recommended name: Very long-chain acyl-CoA synthetase Short name= VLACS Short name= VLCS EC= 6.2.1.-Alternative name(s): Fatty acid transport protein 2 Short name= FATP-2 Fatty-acid-coenzyme A ligase, very long-chain 1
<b>Expression Region</b>	283-620aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged



**Mol. Weight** 40.8kDa

**Protein Length** Partial

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Shelf Life**

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