

Recombinant Full Length Human ACSS3 Protein, C-Flag-tagged

Cat. No. ACSS3-481HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACSS3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Activates acetate so that it can be used for lipid synthesis or for energy generation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	74.6 kDa
AA Sequence	MKPSWLQCRKVTSAGGLGGPLPGSSPARGAGAALRALVVPGPRGGLGGRGCRAL SSGSGSEYKTHFAASV TDPERFWGKAAEQISWYKPWTKTLENKHSPSTRWFVEG MLNICYNAVDRHIENGKGDKIAIIYDSPVTNT KATFTYKEVLEQVSKLAGVLVKHGIKK GDTVVIYMPMIPQAMYTMLACARIGAIHSLIFGGFASKELSSR IDHVKPKVVVTASFGI EPGRRVEYVPLVEEALKIGQHHPDKILIYNRPNMEAVPLAPGRDLWDDEEMAKA QS HDCVPVLSEHPLYIYLTSGTTGLPKGVIPTGGYAVMLHWSMSSIYGLQPGEVWWA ASDLGWVVGHSY ICYGPLLHGNTTVLYEGKPVGTPDAGAYFRVLAEHGVAALFTAP TAIRAIRQQDPGAALGKQYSLTRFKT LfvagerCDVETLEWSKNVFRVPVLDHWW QTETGSPITASCVGLGNSKTPPPGQAGKSVPGYNMILDDN MQKLKARCLGNIVVK LPLPPGAFSGLWKNQEAFKHLYFEKFPGYDTMDAGYMDEEGYLYVMSRVDDVIN VAGHRISAGAIEESILSHGTVADCAVVGKEDPLKGHVPLALCVLRKDINATEEQVLEEI

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	VKHVRQNIGPV AAFRNAVFEVKQLPKTRSGKIPRSALSAIVNGKPYKITSTIEDPSIFGHVEEMLKQATRT RPLEQKLISEEDLAANDILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Metabolic pathways, Propanoate metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	ACSS3 acyl-CoA synthetase short chain family member 3 [Homo sapiens (human)]
Official Symbol	ACSS3
Synonyms	FLJ21963
Gene ID	79611
mRNA Refseq	NM_024560.4

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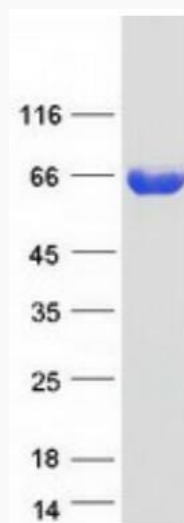
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Protein Refseq NP_078836.1

MIM 614356

UniProt ID Q9H6R3



Coomassie blue staining of purified ACSS3 protein.

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