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ACSF2, 42-615aa, Human, His tag, E.coli

产品货号: TP01046

第三版

别名:ACSMW, AVYV493

描述:ACSF2 also known as Acyl-CoA synthetase family member 2. Acyl-CoA synthetases are a family of enzymes that catalyze the thioesterification of fatty acids with coenzymeA to form activated intermediates, which play a fundamental role in lipid metabolism and homeostasis of lipid-related processes. ACSF2 are required for complex lipid synthesis, energy production via beta-oxidation, protein acylation and fatty-acid dependent transcriptional regulation. ACSF2 are also necessary for fatty acid import into cells by the process of vectorial acylation, Recombinant human ACSF2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline pH 7.4 containing 10% glycerol

分子量:66.1kDa (597aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSLSREVD RMVSTPIGGLSYVQGCTKKHLNSKTVGQCLETTAQRVPEREALVVLHED
VRLTFAQLKEEVDKAASGLLSIGLCKGDRLGMWGPNSYAWVLMQLATAQAGIILVSVNPAYQAMELEYVLKKVGCKAL
VFPKQFKTQQYYNVLKQICPEVENAQPGALKSQRPLD LTTVISVDAPLPGTLLLDEVVAAGSTRQHLDQLQYNQQFLSCH
DPINIQFTSGTTGSPKGATLSHYNIVNNSNILGERLKLHEKTPEQLRMILPNPLYHCLG SVAGTMMCLMYGATLILASPIFN
GKKALEAISRERGTFLYGTPTMFVDILNQPDFSSYDISTMCGGVIAGSPAPPELIRAIINKINMKDLVVAYGTTENSPTFAH
FPEDTVEQKAESVGRIMPHTEARIMNMEAGTLAKLNTPGELCIRGYCVMLGYWGEPQKTEEAVDQDKWYWTGDVAT
MNEQGFCKIVGRSKDMIIRGGENIYPAELEDFHHPKVQEVQVVGVKDDRMGEEICACIRLKDGEETTVEEIKAFCKGK
ISHFKIPKYIVFVTNYPLTISGKIQKFKLREQMERHLNL

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.