

Recombinant Full Length Human ACSBG2 Protein, GST-tagged

Cat. No. ACSBG2-827HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSBG2 full-length ORF (AAH90046.1, 1 a.a. - 666 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	666 amino acids
Description	ACSBG2 (Acyl-CoA Synthetase Bubblegum Family Member 2) is a Protein Coding gene. Among its related pathways are Metabolism and Fatty Acyl-CoA Biosynthesis. GO annotations related to this gene include long-chain fatty acid-CoA ligase activity and acyl-CoA hydrolase activity. An important paralog of this gene is ACSBG1.
Molecular Mass	100.7 kDa
AA Sequence	MTGTPKTQEG AKDLEVDMNK TEVTPRLWTT CRDGEVLLRL SKHGPGHETP MTIPEFFRES VNRFGTYPAL ASKNGKKWEI LNFNQYYEAC RKA AKSLIKL GLERFHGVGI LGFNSAEWFI TAVGAILAGG LCVGIYATNS AEACQYVITH AKVNILLVEN DQQLQKILSI PQSSLEPLKA IIQYRLPMKK NNNLYSWDDF MELGRSIPDT QLEQVIESQK ANQCAVLIYT SGTGIPKGV MLSHDNITWI AGAVTKDFKL TDKHETVVS Y LPLSHIAAQM MDI WVPIKIG ALTYFAQADA LKGTLVSTLK EVKPTVFIGV PQIWEKIH E M VKKNSAKSMG LKKKAFVWAR NIGFKVNSKK MLGKYNT PVS YRMAKTLVFS KVKTSLGLDH CHSFISGTAP

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LNQETAEFFL SLDIPIGELY GLSESSGPHT ISNQNNYRLL SCGKILTGCK
 NMLFQQNKDG IGEICLWGRH IFMGYLESET ETTEAIDDEG WLHSGDLGQL
 DGLGFLYVTG HIKEILITAG GENVPPIPVE TLVKKKIPII SNAMLVGDKL
 KFLSMLLTLLK CEMNQMSGEP LDKLNFEAIN FCRGLGSQAS TVTEIVKQQD
 PLVYKAIQQG INAVNQEAMN NAQRIEKWVI LEKDFSIIYGG ELGPMMKLKR
 HFVAQKYKKQ IDHMYH

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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

[ACSBG2 acyl-CoA synthetase bubblgum family member 2 \[Homo sapiens \]](#)

Official Symbol

[ACSBG2](#)

Synonyms

ACSBG2; acyl-CoA synthetase bubblgum family member 2; long-chain-fatty-acid--CoA ligase ACSBG2; BGR; bubblgum related protein; DKFZp434K1635; PRTD NY3; bubblgum-related protein; BRGL; PRTDNY3; PRTD-NY3; MGC111089

Gene ID

[81616](#)

mRNA Refseq

[NM_030924](#)

Protein Refseq

[NP_112186](#)

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MIM	614363
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UniProt ID	Q5FVE4
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