

Recombinant Human ACSBG2 protein, His-tagged

Cat. No. ACSBG2-3422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSBG2 protein(367-666 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	367-666 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

TPVSYRMAKTLVFSKVKTSLGLDHCHSFISGTAPLNQETAEFFLSLDIPIGELYGLSES
SGPHTISNQNNYRLSCGKILTGCKNMLFQQNKDGIGEICLWGRHIFMGYLESETET
TEAIDDEGWLHSGDLGQLDGLGFLYVTGHIKEILITAGGENVPPIPVETLVKKKIPIISN
AMLVGDKLKFLSMLLTLCCEMNQMSGPELDKLNFEAINFCRDLDSQASTVTEIVKQQ
DPLVYKAIQQGINAVNQEAMNNAQKIQKWVILEKDFSIIYGGELGPMMLKLRHFVAQK
YKKQIDHMYH

GENE INFORMATION

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

Official Symbol [ACSBG2](#)

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

Gene ID [81616](#)

mRNA Refseq [NM_030924](#)

Protein Refseq [NP_112186](#)

MIM [614363](#)

UniProt ID [Q5FVE4](#)

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