

## Product datasheet for TP510276

### Acsbg1 (NM\_053178) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse acyl-CoA synthetase bubblegum family member 1 (Acsbg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  
**Species:** Mouse  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >MR210276 representing NM\_053178  
**Red**=Cloning site **Green**=Tags(s)

MPRGSEAGYCCLSRDSNMPDSRDDQQGASLGTSQDNSQTSSLIDGQTLSEKSPSHGLELSAPEKARAAS  
LDGAEALWTTTRADGRVRLRLEPFCTQRPYTVHQMFYEALDKYGNSALGFKRKDKWERISYYQYYLIAR  
KVAKGFLKGLERAHSVAILGFNSPEWFFSAVGTVFAGGIVTGIYTTSSPEACQYISHDCRANVIVVDTQ  
KQLEKILKIWKDLPHLKAVVIYQEPKPKMANVYTMELIELGQEVPEEALDAIIDTQQPNQCCVLVYTS  
GTTGNPKGVMLSQDNITWTARYGSQAGDIQPAEVQQEVVSYLPLSHIAAQIYDLWTGIQWGAQVCFADP  
DALKGTLVNTLREVEPTSHMGVPRVWEKIMERIQEVAASQSGFIRRKMLLWAMSVTLEQNLTCPSNDLKPF  
TSRLADYLVLARVRQALGFACQKNFYGAAPMTAETQRFFLGLNIRLYAGYGLSESTGPHFMSSPYNYRL  
YSSGRVPGCRVKLVNQDADGIGEICLWGRITFMGYLNMEDKTCEAIDSEGWLHTGDMGRLDADGFLYIT  
GRLKELIITAGGENVPPVPIEEAVKMELEPIISSAMLIGDQRKFLSMLLTLKCTLDPETSEPTDSLTEQAV  
EFCQRVGSKASTVSEIVGQRDEAVYQAIHEGIQRVNANAAARPYHIQKWAILQRDFSISGGELGPTMKLK  
RLTVLEKYKDIIDSFYQEQQK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 80.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_444408</a>
<b>Locus ID:</b>	94180
<b>UniProt ID:</b>	<a href="#">Q99PU5</a>
<b>RefSeq Size:</b>	2775
<b>Cytogenetics:</b>	9 A5.3
<b>RefSeq ORF:</b>	2163
<b>Synonyms:</b>	BG1; Bgm; E230019G03Rik; GR-LACS; Lpd; R75185
<b>Summary:</b>	Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Able to activate long-chain fatty acids. Can activate diverse saturated, monosaturated and polyunsaturated fatty acids (By similarity).[UniProtKB/Swiss-Prot Function]