

## Product datasheet for TP303219L

### ACSBG1 (NM\_015162) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA synthetase bubblegum family member 1 (ACSBG1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203219 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPRNSGAGYGCPHGDPSMLDSRETPQESRQDMIVRTTQEKLKTSSLTDRQPLSKESLNHALELSVPEKVN  
NAQWDAPEEALWTTTRADGRVRLRIDPSCPQLPYTVHRMFYEALDKYGDIALGFKRQDKWEHISYSQYYL  
LARRAAKGFLKGLKQAHSVAILGFNSPEWFFSAVGTVFAGGIVTGIYTTSSPEACQYIAYDCCANVIMV  
DTQKQLEKILKIWKQLPHLKAWIYKEPPPNKMANVYTMEEFMELGNEVPEEALDAIIDTQQPNQCCVLV  
YTSGTTGNPKGVMLSQDNITWTARYGSQAGDIRPAEVQQEVVSYLPLSHIAAQIYDLWTGIQWGAQVCF  
AEPDALKGSLVNTLREVEPTSHMGVPRVWEKIMERIQEVAAQSGFIRRKMLLWAMSVTLEQNLTCPGSDL  
KPFITRLADYLVLAQVRQALGFAKQCQKNFYGAAPMMAETQHFFLGLNIRLYAGYGLSETSGPHFMSSPIN  
YRLYSSGKLVPGCRVKLVNQDAEGIGEICLWGRTIFMGYLNMEDKTCEAIDEEGWLHTGDAGRLDADGFL  
YITGRLKELIITAGGENVPPVPIEEAVKMEPLIISNAMLIGDQRKFLSMLLTLKCTLDPDTSQTDNLTE  
QAVEFCQRVGSRAVVSEIIEKKDEAVYQAIIEGIRRVNMNAAARPYHIQKWAILEDIFSISGGELGPTM  
KLRKRLTVLEKYKGIIDSFYQEQKM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

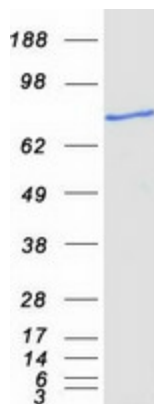
Tag:	C-Myc/DDK
Predicted MW:	81.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



[View online »](#)

Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_055977</a>
Locus ID:	23205
UniProt ID:	<a href="#">Q96GR2</a> , <a href="#">B3KNS7</a>
RefSeq Size:	3010
Cytogenetics:	15q25.1
RefSeq ORF:	2172
Synonyms:	BG; BG1; BGM; GR-LACS; LPD
Summary:	The protein encoded by this gene possesses long-chain acyl-CoA synthetase activity. It is thought to play a central role in brain very long-chain fatty acids metabolism and myelinogenesis. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ACSBG1 protein (Cat# [TP303219]). The protein was produced from HEK293T cells transfected with ACSBG1 cDNA clone (Cat# [RC203219]) using MegaTran 2.0 (Cat# [TT210002]).