

# Product Datasheet

## BCS1L Antibody (5F3) - Azide and BSA Free H00000617-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 4

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**H00000617-M01**

BCS1L Antibody (5F3) - Azide and BSA Free

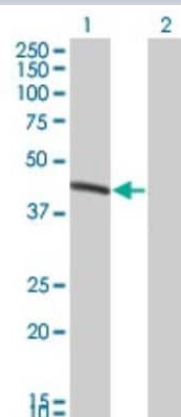
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5F3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	617
Gene Symbol	BCS1L
Species	Human
Specificity/Sensitivity	BCS1L - BCS1-like (yeast)
Immunogen	BCS1L (NP_004319, 320 a.a. ~ 418 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ASTEARIVFMTTNNHVDRLDPALIRPGRVDLKEYVGYCSHWQLTQMFQRFYPGQ APSLAENFAEHVLRATNQISPAQVQGYFMLYKNDPVGAIHNAESLR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

**Images**

Western Blot: BCS1L Antibody (5F3) [H00000617-M01] - Analysis of BCS1L expression in transfected 293T cell line by BCS1L monoclonal antibody (M01), clone 5F3. Lane 1: BCS1L transfected lysate(47.534 KDa). Lane 2: Non-transfected lysate.



## Publications

Olahova M, Berti C, Collier J et al. Molecular genetic investigations identify new clinical phenotypes associated with BCS1L-related mitochondrial disease. *Hum Mol Genet.* 2019-08-22 [PMID: 31435670]

Mirali S, Botham A, Voisin V et al. The mitochondrial peptidase, neurolysin, regulates respiratory chain supercomplex formation and is necessary for AML viability. *Sci Transl Med.* 2020-04-08 [PMID: 32269163]

Kotarsky H, Karikoski R, Morgelin M et al. Characterization of complex III deficiency and liver dysfunction in GRACILE syndrome caused by a BCS1L mutation. *Mitochondrion.* 2010-01-01 [PMID: 20580947]

Gil-Borlado MC, Gonzalez-Hoyuela M, Blazquez A et al. Pathogenic mutations in the 5' untranslated region of BCS1L mRNA in mitochondrial complex III deficiency. *Mitochondrion.* 2009-04-21 [PMID: 19389488]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H0000617-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-88678PEP	BCS1L Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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