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## Datasheet for ABIN2731605 BSCL2 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

Image

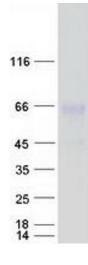
| Overview                      |   |
|-------------------------------|---|
| Quantity:                     | 20 µg   |
| Target:                       | BSCL2   |
| Protein Characteristics:      | Transcript Variant 2  |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells   |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This BSCL2 protein is labelled with Myc-DYKDDDDK Tag.   |
| Application:                  | Antibody Production (AbP), Standard (STD)   |
| Product Details               |   |
| Characteristics:              | <ul> <li>Recombinant human Seipin / BSCL2 (transcript variant 2) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul> |
| Purity:                       | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |
| Target Details                |   |
| Target:                       | BSCL2   |
| Alternative Name:             | Seipin,bscl2 (BSCL2 Products)   |
| Background:                   | This gene encodes the multi-pass transmembrane protein protein seipin. This protein localizes   |
|                               | to the endoplasmic reticulum and may be important for lipid droplet morphology. Mutations in  |
|                               | this gene have been associated with congenital generalized lipodystrophy type 2 or Berardinelli-  |
|                               | Seip syndrome, a rare autosomal recessive disease characterized by a near absence of adipose  |
|                               |   |

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| Target Details |
|----------------|
|----------------|

|                     | tissue and severe insulin resistance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HNRNPUL2 (heterogeneous nuclear ribonucleoprotein U-like 2).[provided by RefSeq, Mar 2011]. |
|---------------------|---|
| Molecular Weight:   | 44.2 kDa  |
| NCBI Accession:     | NP_116056   |
| Application Details |   |
| Application Notes:  | Recombinant human proteins can be used for:   |
|                     | Native antigens for optimized antibody production   |
|                     | Positive controls in ELISA and other antibody assays  |
| Comment:            | The tag is located at the C-terminal.   |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Concentration:      | 50 μg/mL  |
| Buffer:             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| Storage:            | -80 °C  |
| Storage Comment:    | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.   |

## Images



## Western Blotting

Image 1. Validation with Western Blot

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