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Product datasheet for PH303625

BSCL2 (NM_032667) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BSCL2 MS Standard C13 and N15-labeled recombinant protein (NP_116056)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203625
Predicted MW:	44.2 kDa
Protein Sequence:	>RC203625 representing NM_032667 Red=Cloning site Green=Tags(s) MVNDPPVPALLWAQEVGQVLAGRARRLLLQFGVLFCTILLLLWVSVFLYGSFYYSYMPTVSHLSPVHFYY RTDCDSSTTSLCSFPVANVSLTKGGRDRVLMYGQPYRVTLELELPESPVNQDLGMFLVTISCYTRGGRII STSSRSVMLHYRSDLLQMLDTLVFSSLLLFGFAEQKQLLEVELYADYRENSYVPTTGAIIEIHSKRIQLY GAYLRIHAHFTGLRYLLYNFPMTCAFIGVASNFTFLSVIVLFSYMQWVWGGIWPRHRFSLQVNIRKRDNS RKEVQRRISAHQPGAGPEGQEESTPQSDVTEDGESPEDPSGTEGQLSEEEKPDQQPLSGEEELEPEASDG SGSWEDAALLTEANLPAPAPASASAPVLETLGSSEPAGGALRQRPTCSSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116056
RefSeq Size:	1664
RefSeq ORF:	1200
Synonyms:	GNG3LG; HMN5; HMN5C; PELD; SPG17
Locus ID:	26580

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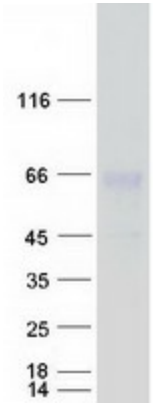
UniProt ID: Q96G97, A0A024R549

Cytogenetics: 11q12.3

Summary: 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 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]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified BSCL2 protein (Cat# [TP303625]). The protein was produced from HEK293T cells transfected with BSCL2 cDNA clone (Cat# [RC203625]) using MegaTran 2.0 (Cat# [TT210002]).