

Recombinant Human BSCL2 Protein, GST-tagged

Cat. No. BSCL2-357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BSCL2 partial ORF (NP_116056, 259 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes protein seipin, which is located in 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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	WGGIWPRHRFSLQVNIRKRDNSRKEVQRRISAHQPGPEGQEESTPQSDVTEDGES PEDPSGTEGQLSEEEKPDQQPLSGEEELEPEASDGSGSWEDAAL
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BSCL2 Berardinelli-Seip congenital lipodystrophy 2 (seipin) [Homo sapiens]

Official Symbol BSCL2

Synonyms BSCL2; Berardinelli-Seip congenital lipodystrophy 2 (seipin); GNG3LG, spastic paraplegia 17 (Silver syndrome) , SPG17; seipin; Bernardinelli-Seip congenital lipodystrophy type 2 protein; HMN5; SPG17; GNG3LG; MGC4694; FLJ16651;

Gene ID 26580

mRNA Refseq NM_001122955

Protein Refseq NP_001116427

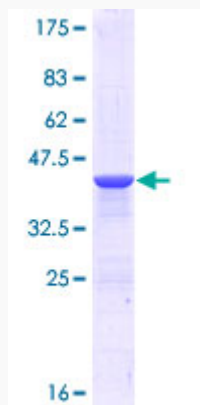
MIM 606158

UniProt ID Q96G97

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