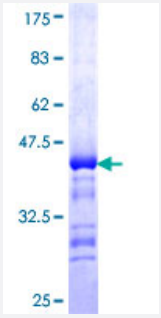
BSCL2 (Human) Recombinant Protein (Q02)

Catalog # H00026580-Q02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BSCL2 partial ORF (NP_116056, 263 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	WPRHRFSLQVNIRKRDNSRKEVQRRISAHQPGPEGQEESTPQSDVTEDGESPEDPSGTEGQLS EEEKPDQQPLSGEEELEPEASDGSGSWED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.86
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BSCL2

Entrez GeneID	26580
GeneBank Accession#	NM_032667
Protein Accession#	NP_116056
Gene Name	BSCL2
Gene Alias	GNG3LG, HMN5, MGC4694, SPG17
Gene Description	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)
Omim ID	269700 270685 600794 606158
Gene Ontology	Hyperlink
Gene Summary	This gene encodes protein seipin, which is located in the endoplasmic reticulum and may be imp ortant for lipid droplet morphology. Mutations in this gene have been associated with congenital g eneralized lipodystrophy type 2 or Berardinelli-Seip syndrome, a rare autosomal recessive disea se 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. [provided by RefSeq
Other Designations	seipin

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Multiple Sclerosis

- Spastic Paraplegia