

Recombinant Human BCS1L cell lysate

Cat. No. BCS1L-167HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a homolog of the <i>S. cerevisiae</i> bcs1 protein which is involved in the assembly of complex III of the mitochondrial respiratory chain. The encoded protein does not contain a mitochondrial targeting sequence but experimental studies confirm that it is imported into mitochondria. Mutations in this gene are associated with mitochondrial complex III deficiency and the GRACILE syndrome. Two alternatively spliced transcripts encoding the same protein have been described.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	BCS1L BCS1-like (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	BCS1L
Synonyms	BCS1L; BCS1-like (<i>S. cerevisiae</i>); BCS1 (yeast homolog) like , BCS1 like (yeast); mitochondrial chaperone BCS1; BCS; Bjornstad syndrome; BJS; GRACILE

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	syndrome; h BCS; Hs.6719; h-BCS1; BCS1-like protein; mitochondrial complex III assembly; PTD; BCS1; FLNMS; h-BCS; GRACILE;
Gene ID	617
mRNA Refseq	NM_001079866
Protein Refseq	NP_001073335
MIM	603647
UniProt ID	Q9Y276
Chromosome Location	2q35
Pathway	Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem;
Function	ATP binding; nucleoside-triphosphatase activity; nucleotide binding; protein binding;

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