

Recombinant Human BCS1L Protein, GST-tagged

Cat. No. BCS1L-178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCS1L full-length ORF (NP_004319.1, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	73.9 kDa
AA Sequence	MPLSDFILALKDNPYFGAGFGLVGVGTALALARKGVQLGLVAFRRHYMITLEVPARD RSYAWLLSWLTRHSTRTQHLSVETSYLQHESGRISTKFEFVPSPGNHFIWYRGKWI RVERSREMQMIDLQTGTPWESVTFTALGTDRKVFFNILEEARELALQQEEGKTVMY TAVGSEWRPFPGYPRRRRPLNSVVLQQGLADRVDRDVQEFIDNPKWYTDGIPYRRG YLLYGPPGCGKSSFITALAGELEHSICLLSLTDSSLSDRLNHLLSVAPQQSLVLLED VDAAFLSRDLAVENPVKYQGLGRLTFSGLLNALDGVASTEARIVFMTTNHVDRLDPA

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LIRPGRVDLKEYVGYCSHWQLTQMFQRFYPGQAPSLAENFAEHVLRATNQISPAQV
QGYFMLYKNDPVGAIHNAESLRR

Notes Best use within three months from the date of receipt of this protein.

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 [BCS1L BCS1-like \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol [BCS1L](#)

Synonyms BCS1L; BCS1-like (S. cerevisiae); BCS1 (yeast homolog) like , BCS1 like (yeast); mitochondrial chaperone BCS1; BCS; Bjornstad syndrome; BJS; GRACILE 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](#)

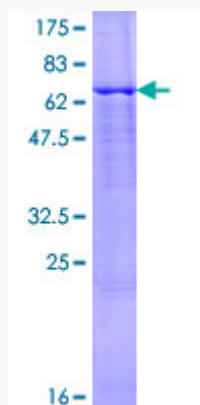
MIM [603647](#)

UniProt ID [Q9Y276](#)

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