

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	MPLSDFILALKDNPYFGAGFGLVGVGTALALARKGVQLGLVAFRRHYMITLEV PARDRSYAWLLSWLTRHSTRTQHLSVETSYLQHESGRISTKFEFVPSPGNHFIWYRGKWI RVERSREMQMIDLQTGTPWESVTFTALGTDRKVVFNILEEARELALQQEEGKTVMY 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