

Recombinant Human BCS1L Protein, MYC/DDK-tagged

Cat. No. BCS1L-2464H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCS1L protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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. Several alternatively spliced transcripts encoding two different isoforms have been described.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	BCS1L BCS1-like (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
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Official Symbol	BCS1L
Synonyms	BCS; BCS1; BJS; FLNMS; GRACILE; h-BCS; Hs.6719; MC3DN1; PTD
Gene ID	617
mRNA Refseq	NM_001079866
Protein Refseq	NP_001073335
MIM	603647
UniProt ID	Q9Y276

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