

Recombinant Human CBLIF Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CBLIF-223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GIF MS Standard C13 and N15-labeled recombinant protein (NP_005133) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia. [provided by RefSeq, Jul 2008]
Molecular Mass	45.4 kDa
AA Sequence	MAWFALYLLSLLWATAGTSTQTQSSCSVPSAQEPLVNGIQVLMENSVTSSAYPNPSI LIAMNLAGAYNLKAQKLLTYQLMSSDNNDLTIGQLGLTIMALTSSCRDPGDKVSILQR QMENWAPSSPNAEASAFYGPSLAILALCQKNSEATLPIAVRFAKTLANSSPFNVD GAMATLALTCMYNKIPVGSEEGYRSLFGQVLKDIVEKISMKIKDNGIIGDIYSTGLAMQ ALSVTPEPSKKEWNCKKTTDMILNEIKQGKFHNPMISIAQILPSLKGKTYLDVPQVTCS PDHEVQPTLPSNPGPGPTSASNITVIYTINNQLRGVELLFNETINVSVKSGSVLLVLE EAQRKNPMFKFETTMTSWGLVVSSINNIAENVNHKTYWQFLSGVTPLNEGVADYIPF NHEHITANFTQYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

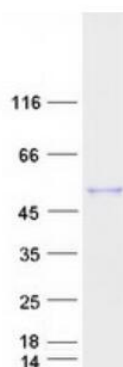
GENE INFORMATION

Gene Name	CBLIF cobalamin binding intrinsic factor [Homo sapiens (human)]
Official Symbol	CBLIF
Synonyms	CBLIF; cobalamin binding intrinsic factor; IF; GIF; INF; IFMH; TCN3; cobalamin binding intrinsic factor; gastric intrinsic factor (vitamin B synthesis); intrinsic factor
Gene ID	2694
mRNA Refseq	NM_005142
Protein Refseq	NP_005133
MIM	609342
UniProt ID	P27352

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA