

Recombinant Mouse Cblif Protein, Myc/DDK-tagged

Cat. No. Cblif-1976M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cobalamin binding intrinsic factor (Cblif), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Promotes absorption of the essential vitamin cobalamin (Cbl) in the ileum. After interaction with CUBN, the CBLIF-cobalamin complex is internalized via receptor-mediated endocytosis.
Molecular Mass	45.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cblif cobalamin binding intrinsic factor [Mus musculus (house mouse)]
Official Symbol	Cblif
Synonyms	Cblif; cobalamin binding intrinsic factor; Gi; IF; Gif; INF; AV073125; cobalamin binding intrinsic factor; gastric intrinsic factor; intrinsic factor
Gene ID	14603
mRNA Refseq	NM_008118
Protein Refseq	NP_032144
UniProt ID	P52787

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