

Product datasheet for TP515639

Gif (NM_008118) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse cobalamin binding intrinsic factor (Cblif), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR215639 protein sequence
Red=Cloning site Green=Tags(s)

MAWLTYLLSVLWAVAGTSTRAQSSCSVPPDQQPWVDGLQALMENSVTDSDFPNPSILIAMNLAGAYNVE
AQKLLTYQLMASDSADLTSGQLALTMALTSSCRDPGSKVSTLLKKMENWSPSSPGAESSAFYGPGLAIL
ALCQKSSEATLPIAVRFAKTLMMESPFPNVDTGAVATLALTCMYNKIPVGSQENYRDLFGQALKAIVEKI
SLRIKADGIIGDIYSTGLAMQALSVTPEQPTKKWDCEKTMHTILNEIKQGKFQNPMSIAQILPSLKGKTY
LDVPQVTCGPDHEVPPTLTDYPTPVPTSVSNIYIYINQLRGVDLLFNVTIEVSVKSGSVLLAVLEEA
QRKNSMFKFETMTSWGLIVSSINNAENVNHKTYWEFLSGKTPLEDEGVAYYIPFNHEHITANFTQY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 45.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_032144](#)

Locus ID: 14603

UniProt ID: [P52787](#)



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RefSeq Size: 1532

Cytogenetics: 19 A

RefSeq ORF: 1254

Synonyms: AV073125

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]