

Gastric intrinsic factor (GIF) Recombinant Protein | GIF recombinant protein

Recombinant Dog Gastric intrinsic factor (GIF)

CATALOG # AAA116916	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Gastric intrinsic factor (GIF); Recombinant Dog Gastric intrinsic factor (GIF); GIF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-417, Full length protein
Sequence	RSSCSVPQAA QHLVDGLQVL LEDSVSSAAP PNPSVLIAMN LAGALSAEAR ELLADRLGAS DSAGLSVGQL ALTIMALNSS CRDPGNKVS V LYQMEAWPP SSPSAPAWTF YGPSLAVLAL CQEHPPGRALP VAARLAKILA AGLSPFNTDT GAMVTALTC MYNKIPEGSE EGYRTLFSQV LKDVVENISM RIKDNGIIGD VYSTGLAMQA LSVTPEPPNK EWDCKKMDT ILKEIEQGKF HNPMSIAQIL PSLKGKTYLD VPYVSCSPGH QVQPTLPSQP SPVPTSASNI TVAYTINNQL KGVELVFNET IDVSVKDGSV LLVVLEEAQR RNPMFKFVTT MTSWGLVVSS INNIAESVHD RTYWQFLSGK TPLNEGVDY TPRDHEHITA NFTQY
Sequence Length	395
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for GIF recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54114984
NCBI GeneID	449477
NCBI Accession #	NP_001005759.1
NCBI GenBank Nucleotide #	NM_001005759.1
UniProt Accession #	Q5XWD5
Molecular Weight	44,982 Da
NCBI Official Full Name	gastric intrinsic factor
NCBI Official Synonym Full Names	gastric intrinsic factor
NCBI Official Symbol	GIF

NCBI Protein Information	gastric intrinsic factor
UniProt Protein Name	Gastric intrinsic factor
UniProt Gene Name	GIF
UniProt Synonym Gene Names	IF; INF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gif-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116916>