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Datasheet for ABIN1634206

**Intrinsic Factor Protein (AA 23-417) (His tag)**

## Overview

Quantity:	1 mg
Target:	Intrinsic Factor (GIF)
Protein Characteristics:	AA 23-417
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Intrinsic Factor protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	RSSCSVPQ AAQHLVDGLQ VLLEDSVSSA APPNPSVLIA MNLGALSAE ARELLADRLG ASDSAGLSVG QLALTIMALN SSCRDPGNKV SVLYGQMEAW PPSSPSAPAW TFYGPSLAVL ALCQEHPGRA LPVAARLAKI LAAGLSPFNT DTGAMVTLAL TCMYNKIPEG SEEGYRTLFS QVLKDVENI SMRIKDNII GDVYSTGLAM QALSVTPEPP NKEWDCKKTM DTILKEIEQG KFHNPMISIAQ ILPSLKGKTY LDVPYVSCSP GHQVQPTLPS QPSPVPTSAS NITVAYTINN QLKGVELVFN ETIDVSVKDG SVLLVVLEEA QRRNPMFKFV TTMTSWGLVV SSINNIAESV HDRTYWQFLS GKTPLNEGVA DYTPRDHEHI TANFTQY
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	Intrinsic Factor (GIF)
Alternative Name:	Gastric intrinsic factor (GIF) ( <a href="#">GIF Products</a> )
Background:	Recommended name: Gastric intrinsic factor. Alternative name(s): Intrinsic factor. Short name= IF. Short name= INF Pancreatic intrinsic factor
UniProt:	<a href="#">Q5XWD5</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.