Datasheet for ABIN7584810

IL12B Protein (AA 23-327) (His tag)

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Overview

Quantity:	100 µg
Target:	IL12B
Protein Characteristics:	AA 23-327
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MWELEKNV YVVELDWYPD APGETVVLTC DTPEEDGITW TSDQSSEVLG SGKTLTIQVK EFGDAGQYTC HKGGEALSRS LLLLHKKEDG IWSTDILKDQ KEPKAKSFLK CEAKDYSGHF TCWWLTAIST DLKFSVKSSR GSSDPRGVTC GAALLSAEKV SLEHREYNKY TVECQEGSAC PAAEESLLIE VVVEAVHKLK YENYTSSFFI RDIIKPDPPK NLQLRPLKNS RQVEVSWEYP DTWSTPHSYF SLTFCVQVQG KNKREKKLFM DQTSAKVTCH KDANVRVQAR DRYYSSFWSE WASVSCS
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	IL12B
Alternative Name:	Interleukin-12 subunit beta (IL12B) (IL12B Products)
Background:	Recommended name: Interleukin-12 subunit beta. Short name= IL-12B. Alternative name(s): Cytotoxic lymphocyte maturation factor 40 kDa subunit. Short name= CLMF p40 IL-12 subunit p40
UniProt:	P46282
Pathways:	JAK-STAT Signaling, Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

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 modificated 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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.