Datasheet for ABIN1610775

IL12A Protein (AA 23-219) (His tag)

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Overview

Quantity:	1 mg
Target:	IL12A
Protein Characteristics:	AA 23-219
Origin:	White-eyelid mangabey (Cercocebus)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	RNLSVATP GPEMFPCLHH SQNLLKAACN TLQKARQILE FYPCTSEEID HEDITKDKTS TVEACLPLEL IKNESCLNSR ETSVITNGSC LASRKTSFMM ALCLRSIYED LKIYQVEFKT MNAKLLMDPK RQIFLDQNIL GVIDELMQAL NFNSETVPQK SSLEEPDFYK TKIKLCILLH AFKIRAVTID RVMSYLNAS
Specificity:	Cercocebus atys (Sooty mangabey) (Cercocebus torquatus atys)
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:	IL12A

Target Details

Alternative Name:	Interleukin-12 subunit alpha (IL12A) (IL12A Products)
Background:	Recommended name: Interleukin-12 subunit alpha. Short name= IL-12A. Alternative name(s): Cytotoxic lymphocyte maturation factor 35 kDa subunit. Short name= CLMF p35 IL-12 subunit p35
UniProt:	P46661
Pathways:	JAK-STAT Signaling, 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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.