Datasheet for ABIN1461247

IL2RG Protein (AA 23-261) (His tag)

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Overview

Quantity:	1 mg
Target:	IL2RG
Protein Characteristics:	AA 23-261
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL2RG protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LNSTVPMP NGNEDITPDF FLTATPSETL SVSSLPLPEV QCFVFNVEYM NCTWNSSSEP RPTNLTLHYW YKNSNDDKVQ ECGHYLFSRE VTAGCWLQKE EIHLYETFVV QLRDPREPRR QSTQKLKLQN LVIPWAPENL TLHNLSESQL ELSWSNRHLD HCLEHVVQYR SDWDRSWTEQ SVDHRNSFSL PSVDGQKFYT FRVRSRYNPL CGSAQRWSEW SHPIHWGSNT SKENPLFASE A
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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:	IL2RG

Target Details

Alternative Name:	Cytokine receptor common subunit gamma (IL2RG) (IL2RG Products)
Background:	Recommended name: Cytokine receptor common subunit gamma. Alternative name(s): Interleukin-2 receptor subunit gamma. Short name= IL-2 receptor subunit gamma. Short name= IL-2R subunit gamma. Short name= IL-2RG gammaC p64 CD_antigen= CD132
UniProt:	P40321
Pathways:	JAK-STAT Signaling, Growth Factor Binding

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.