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Datasheet for ABIN1674587

CNTF Receptor alpha Protein (AA 23-342) (His tag)

Overview

Quantity:	1 mg
Target:	CNTF Receptor alpha (CNTFR)
Protein Characteristics:	AA 23-342
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNTF Receptor alpha protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QRHSPQEA PHVQYERLGS DVTLP CGTAN WDAAVTWRVN GTDLALDLLN GSQVLVHGLE LGHSGLYACF HRDSWHLRHQ VLLHVGLPPR EPVLS CR SNT YPKG FYCSWH LPTPTYIPNT FNVTVLHGSK IMVCEKDPAL KNRCHIRYMH LFSTIKYKVS ISVSNALGHN ATAITFDEFT IVKPDPPENV VARPVPSNPR RLEVTWQTPS TWDPESFPL KFFLR YRPLI LDQWQHVELS DGTTHITDA YAGKEYIIQV AAKDYEIGTW SDWSVAAHAT PWTEEPRLHT TEAQAPETTT STTSSLAPPP TTKICDPGEL GS
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:	CNTF Receptor alpha (CNTFR)
Alternative Name:	Ciliary neurotrophic factor receptor subunit alpha (CNTFR) (CNTFR Products)
Background:	Recommended name: Ciliary neurotrophic factor receptor subunit alpha. Short name= CNTF receptor subunit alpha. Short name= CNTFR-alpha
UniProt:	Q71DR4
Pathways:	JAK-STAT Signaling , Feeding Behaviour

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.