Datasheet for ABIN1509807

NEK7 Protein (NEK7) (AA 1-302) (His tag)

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Overview

Quantity:	1 mg
Target:	NEK7
Protein Characteristics:	AA 1-302
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEK7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDEQPQGMQG PPVPQFQPQK ALRPDMGYNT LANFRIEKKI GRGQFSEVYR ASCLLDGVPV ALKKVQIFDL MDAKARADCI KEIDLLKQLN HPNVIKYYAS FIEDNELNIV LELADAGDLS RMIKHFKKQK RLIPERTVWK YFVQLCSALD HMHSRRVMHR DIKPANVFIT ATGVVKLGDL GLGRFFSSKT TAAHSLVGTP YYMSPERIHE NGYNFKSDIW SLGCLLYEMA ALQSPFYGDK MNLYSLCKKI EQCDYPPLPS DHYSEELRQL VNICINPDPE KRPDIAYVYD VAKRMHACTA SS
Specificity:	Rattus norvegicus (Rat)
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:	NEK7
Alternative Name:	Serine/threonine-protein kinase Nek7 (Nek7) (NEK7 Products)
Background:	Recommended name: Serine/threonine-protein kinase Nek7. EC= 2.7.11.1. Alternative name(s): Never in mitosis A-related kinase 7. Short name= NimA-related protein kinase 7
UniProt:	D3ZBE5
Pathways:	Inflammasome

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.