Datasheet for ABIN1474651

HCK Protein (AA 2-524) (His tag)

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Overview

Quantity:	1 mg
Target:	HCK
Protein Characteristics:	AA 2-524
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GGRSSCEDP GCPRGEGRVP RMGCVKSRFL REGSKASKIE PNANQKGPVY VPDPTSPKKL GPNSINSLPP GVVEGSEDTI VVALYDYEAI HREDLSFQKG DQMVVLEESG EWWKARSLAT KKEGYIPSNY VARVNSLETE EWFFKGISRK DAERHLLAPG NMLGSFMIRD SETTKGSYSL SVRDFDPQHG DTVKHYKIRT LDSGGFYISP RSTFSSLQEL VVHYKKGKDG LCQKLSVPCV SPKPQKPWEK DAWEIPRESL QMEKKLGAGQ FGEVWMATYN KHTKVAVKTM KPGSMSVEAF LAEANLMKTL QHDKLVKLHA VVSQEPIFIV TEFMAKGSLL DFLKSEEGSK QPLPKLIDFS AQISEGMAFI EQRNYIHRDL RAANILVSAS LVCKIADFGL ARIIEDNEYT AREGAKFPIK WTAPEAINFG SFTIKSDVWS FGILLMEIVT YGRIPYPGMS NPEVIRALEH GYRMPRPDNC PEELYSIMIR CWKNRPEERP TFEYIQSVLD DFYTATESQY QQQP
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.

Product Details

Purity:	> 90 %

Target Details

Target:	HCK
Alternative Name:	Tyrosine-protein kinase HCK (Hck) (HCK Products)
Background:	Recommended name: Tyrosine-protein kinase HCK. EC= 2.7.10.2. Alternative name(s): Hematopoietic cell kinase Hemopoietic cell kinase p56-HCK p56Hck p59Hck
UniProt:	P50545
Pathways:	Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling

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

Handling

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