

Datasheet for ABIN1645362
HGF Protein (AA 30-492) (His tag)



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Overview

Quantity:	1 mg
Target:	HGF
Protein Characteristics:	AA 30-492
Origin:	Cat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HGF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	Q KKRRNTLHEF KKSAKTTLIK EDPLLIKIKTK KMNTADQCAN RCIRNKGLPF TCKAFVFDKA RKRCLWFPPN SMTSGVKKEF GHEFDLYENK DYIRNCIIGK GGSYKGTVSI TKSGIKCQPW NSMIPHEHSF LPSSYRGKDL QENYCRNPRG EEGGPWCFTS NPEVRYEVCD IPQCSEVECM TCNGESYRGP MDHTESGKIC QRWDRQTPHR HKFLPERYPD KGFDDNYCRN PDGKPRPWCY TLDPDTPWEY CAIKMCAHST MNDDVPMET TECIQQGEG YRGINSIWN GVPCQRWDSQ YPHQHDITPE NFKCKDLREN FCRNPDGAES PWCFTTDPNI RVGYCSQIPK CDVSSGQDCY RGNGKNYMG NLSKTRSG LTC SMWEKNMEDL HRHIFWEPDA SKLNKNYCRN PDDDAHGPWC YTGNPLIPWD YCPISRCEGD TTPTIVNLDH PVISCAKTKQ LR
Specificity:	Felis catus (Cat) (Felis silvestris catus)
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.

Product Details

Purity: > 90 %

Target Details

Target: HGF

Alternative Name: Hepatocyte growth factor (HGF) ([HGF Products](#))

Background: Recommended name: Hepatocyte growth factor.
Alternative name(s): Hepatopoietin-A Scatter factor.
Short name= SF Cleaved into the following 2 chains: 1.
Hepatocyte growth factor alpha chain 2.
Hepatocyte growth factor beta chain

UniProt: [Q9BH09](#)

Pathways: [RTK Signaling](#), [Carbohydrate Homeostasis](#), [Glycosaminoglycan Metabolic Process](#), [Synaptic Membrane](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

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 modiflicated 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.