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Datasheet for ABIN1619682 FOXG1 Protein (AA 1-489) (His tag)

Overview

Quantity:	1 mg
Target:	FOXG1
Protein Characteristics:	AA 1-489
Origin:	Capuchin Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXG1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLDMGDRKEV KMIPKSSFSI NSLVPEAVQN DNHHASHGHH NSHHPQH HHHHHHHPPP</p> <p>PAPQPPPPPPQ QQQPPPPPPP APQPPQARGA PAADDDKGPQ QLLLPPPPPP PPTAALDGAK</p> <p>ADGLGGKGEP GGGPGELAPV GPDEKEKGAG AGGEEKKGAG EGGKDGEGGK EGEKKNKYE</p> <p>KPPFSYNALI MMAIRQSPEK RLTLNGIYEF IMKNFPYYRE NKQGWQNSIR HNLSLNKCFV</p> <p>KVPRHYDDPG KGNYWMLDPS SDDVFIGGTT GKLRRRSTTS RAKLAFKRG RLTSTGLTFM</p> <p>DRAGSLYWPM SPFLSLHHPR ASSTLSYNGT TSAYPSHPMP YSSVLTQNSL GNNHSFSTAN</p> <p>GLSVDRLVNG EIPYATHHLT AAALAASVPC GLSVPCSGTY SLNPCSVNLL AGQTSYFFPH</p> <p>VPHPSMTSQS STSMSARAAS SSTSPQAPST LPECSLRPSL PSFTTGLSGG LSDYFTHQNQ</p> <p>GSSSNPLIH</p>
Specificity:	Cebus capucinus (White-faced sapajou)
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: FOXG1

Alternative Name: Forkhead box protein G1 (FOXG1) ([FOXG1 Products](#))

Background: Recommended name: Forkhead box protein G1.
Short name= FoxG1

UniProt: [Q1A1A6](#)

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.