Datasheet for ABIN1047723

TAX1BP3 Protein (AA 1-124, full length) (GST tag)

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Overview

Quantity:	100 µg
Target:	TAX1BP3
Protein Characteristics:	AA 1-124, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAX1BP3 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MSYIPGQPVT AVVQRVEIHK LRQGENLILG FSIGGGIDQD PSQNPFSEDK TDKGIYVTRV SEGGPAEIAG LQIGDKIMQV NGWDMTMVTH DQARKRLTKR SEEVVRLLVT RQSLQKAVQQ SMLS
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:	TAX1BP3
Alternative Name:	Tax1-binding protein 3 protein (TAX1BP3 Products)
Background:	May play a role in the Rho signaling pathway. May act as an inhibitor of the Wnt signaling pathway. May play a role in activation of CDC42 by the viral protein HPV16 E6.

Target Details

Molecular Weight:	41.1 kD
UniProt:	O14907
Pathways:	Monocarboxylic Acid Catabolic Process

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

Publications

Product cited in:	Ota, Suzuki, Nishikawa, Otsuki, Sugiyama, Irie, Wakamatsu, Hayashi, Sato, Nagai, Kimura, Makita, Sekine, Obayashi, Nishi, Shibahara, Tanaka, Ishii, Yamamoto, Saito, Kawai, Isono, Nakamura, Nagahari et al.: "Complete sequencing and characterization of 21,243 full-length human cDNAs. ..." in: **Nature genetics**, Vol. 36, Issue 1, pp. 40-5, (2003) (PubMed).

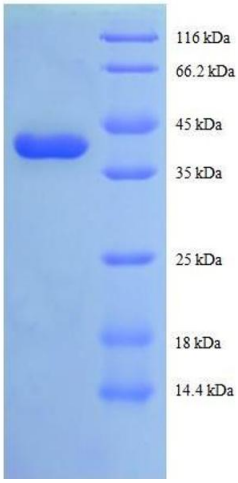
Publications

Rocchigiani, Lestingi, Luddi, Orlandini, Franco, Rossi, Ballabio, Zuffardi, Oliviero: "Human FIGF: cloning, gene structure, and mapping to chromosome Xp22.1 between the PIGA and the GRPR genes." in: **Genomics**, Vol. 47, Issue 2, pp. 207-16, (1998) (PubMed).

Achen, Jeltsch, Kukk, Mäkinen, Vitali, Wilks, Alitalo, Stacker: "Vascular endothelial growth factor D (VEGF-D) is a ligand for the tyrosine kinases VEGF receptor 2 (Flk1) and VEGF receptor 3 (Flt4)." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 2, pp. 548-53, (1998) (PubMed).

Yamada, Nezu, Shimane, Hirata: "Molecular cloning of a novel vascular endothelial growth factor, VEGF-D." in: **Genomics**, Vol. 42, Issue 3, pp. 483-8, (1997) (PubMed).

Images



SDS-PAGE

Image 1. Tax1 (Human T-Cell Leukemia Virus Type I) Binding Protein 3 (TAX1BP3) (AA 1-124), (full length) protein (GST tag)