Datasheet for ABIN1047932

WFDC2 Protein (AA 31-124, full length) (GST tag)

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Overview

Quantity:	50 µg
Target:	WFDC2
Protein Characteristics:	AA 31-124, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This WFDC2 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	EKTGVCPELQ ADQNCTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RNGCGKVSCV TPNF
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:	WFDC2
Alternative Name:	WAP four-disulfide core domain protein 2 (WFDC2 Products)
Molecular Weight:	37.4 kD

Target Details

UniProt:	Q14508

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

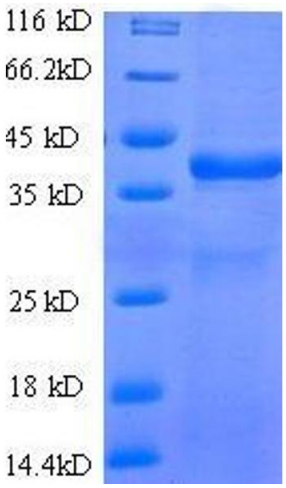
Product cited in:	Lenz, Herten, Gerzer, Drummer: "Regulation of natriuretic peptide (urodilatin) release in a human kidney cell line." in: **Kidney international**, Vol. 55, Issue 1, pp. 91-9, (1999) (PubMed). Klodt, Kuhn, Marx, Martin, Rösch, Forssmann, Adermann: "Synthesis, biological activity and isomerism of guanylate cyclase C-activating peptides guanylin and uroguanylin." in: **The journal of peptide research : official journal of the American Peptide Society**, Vol. 50, Issue 3, pp. 222-30, (1998) (PubMed).

Publications

Marx, Klodt, Meyer, Gerlach, Rösch, Forssmann, Adermann: "One peptide, two topologies: structure and interconversion dynamics of human uroguanylin isomers." in: **The journal of peptide research : official journal of the American Peptide Society**, Vol. 52, Issue 3, pp. 229-40, (1998) (PubMed).

Hess, Kuhn, Schulz-Knappe, Raida, Fuchs, Klodt, Adermann, Kaever, Cetin, Forssmann: "GCAP-II: isolation and characterization of the circulating form of human uroguanylin." in: **FEBS letters**, Vol. 374, Issue 1, pp. 34-8, (1995) (PubMed).

Images



SDS-PAGE

Image 1. WAP Four-Disulfide Core Domain 2 (WFDC2) (AA 31-124), (full length) protein (GST tag)