

Datasheet for ABIN1047931

WFDC2 Protein (AA 31-124, full length) (GST tag)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 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, mammalian 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 kDa

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 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 one week

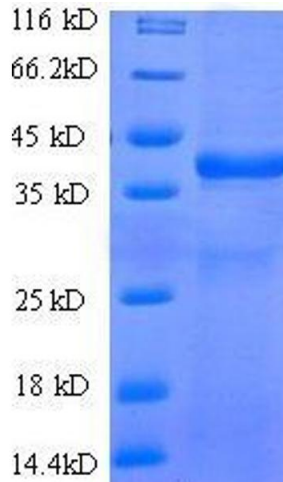
Storage: -20 °C

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

Publications

Product cited in: Hellström, Raycraft, Hayden-Ledbetter, Ledbetter, Schummer, McIntosh, Drescher, Urban, Hellström: "The HE4 (WFDC2) protein is a biomarker for ovarian carcinoma." in: **Cancer research**, Vol. 63, Issue 13, pp. 3695-700, (2003) ([PubMed](#)).

Kirchhoff, Habben, Ivell, Krull: "A major human epididymis-specific cDNA encodes a protein with sequence homology to extracellular proteinase inhibitors." in: **Biology of reproduction**, Vol. 45, Issue 2, pp. 350-7, (1992) ([PubMed](#)).



SDS-PAGE

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