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## Datasheet for ABIN1656948 E2F1 Protein (AA 1-469) (His tag)

### Overview

Quantity:	1 mg
Target:	E2F1
Protein Characteristics:	AA 1-469
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This E2F1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MSEVPQQFP SSKRQLHPSL SSMKPPLVAP GEYHRFDAAE TRGGGAVADQ VVSDAIVIKS</p> <p>TLKRKTDLVN QIVEVNELNT GVLQTPVSGK GKGAKKTSRS AKSNKSGTLA SGSNAGSPGN</p> <p>NFAQAGTCRY DSSLGLLTKK FINLIKQAE GILDNLKAAD TLEVQKRRIY DITNVLEGIG</p> <p>LIEKTLKNRI QWKGLDVSKP GETIESIANL QDEVQNLAEE EARLDDQIRE SQERLTSLS</p> <p>DENNKRLLFV TENDIKNLPC FQNKTLIAVK APHGTTLEVP DPDEAGGYQR RYRIILRSTM</p> <p>GPIDVYLVSQ FEESFEDIPQ ADEPSNPDE PSNVPDVPSN LPSTSGLPEN HDVSMMPMKEE</p> <p>STERNMETQE VDDTQRVYSD IESHDFVDGI MKIVPPDLDM GVDYWFRSEV GEVSITDMWP</p> <p>DESGPDWNQM ITFDQDHAGP SDNKILEQPQ TPSSPTPEES TATRSPTGS</p>
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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: E2F1

Alternative Name: Transcription factor E2FB (E2FB) ([E2F1 Products](#))

Background: Recommended name: Transcription factor E2FB.  
Alternative name(s): E2F transcription factor-1.  
Short name= AtE2F1

UniProt: [Q9FV71](#)

Pathways: [p53 Signaling](#), [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [M Phase](#),  
[Autophagy](#)

## 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

## Handling

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Storage: -20 °C

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