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## Datasheet for ABIN1611137 **eEF1A1 Protein (AA 1-462) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | eEF1A1 (EEF1A1)                               |
| Protein Characteristics:      | AA 1-462                                      |
| Origin:                       | Chinese Hamster                               |
| Source:                       | Yeast   |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This eEF1A1 protein is labelled with His tag. |
| Application:                  | ELISA   |

### Product Details

|                  |   |
|------------------|---|
| Sequence:        | MGKEKTHINI VVIGHVDSGK STTTGHLYIK CGGIDKRTIE KFEKEAAEMG KGSFKYAWVL<br>DKLKAERERG ITIDISLWKF ETSKYVYVTTI DAPGHRDFIK NMITGTSQAD CAVLIVAAGV<br>GEFEAGISKN GQTRHALLA YTLGVKQLIV GVNKMDSTEP PYSQKRYEEI VKEVSTYIKK<br>IGYNPDTVAF VPISGWNGDN MLEPSANMPW FKGWKVTRKD GSASGTTLLE ALDCILPPTR<br>PTDKPLRLPL QDVYKIGGIG TVPVGRVETG VLKPGMVVTF APVNVTTTEVK SVEMHHEALS<br>EALPGDNVGF NVKNVSVKDV RRGNVAGDSK NDPPMEAAGF TAQVIILNHP QGISAGYAPV<br>LDCHTAHIAC KFAELKEKID RRSKGLLEDG PKFLKSGDAA IVDMPGKPM CVESFSDYPP<br>LGRFAVRDMR QTVAVGVVKA VDKKAAGAGK VTKSAQKAQK AK |
| Specificity:     | Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)  |
| 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

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Purity: > 90 %

## Target Details

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Target: eEF1A1 (EEF1A1)

Alternative Name: Elongation factor 1-alpha 1 (EEF1A1) ([EEF1A1 Products](#))

Background: Recommended name: Elongation factor 1-alpha 1.  
Short name= EF-1-alpha-1.  
Alternative name(s): Elongation factor Tu.  
Short name= EF-Tu Eukaryotic elongation factor 1 A-1.  
Short name= eEF1A-1

UniProt: [P62629](#)

## Application Details

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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

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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

## Handling

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