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Datasheet for ABIN1654287  
**ERO1 Protein (AA 37-469) (His tag)**

### Overview

Quantity:	1 mg
Target:	ERO1
Protein Characteristics:	AA 37-469
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERO1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	RTNS NVGFFFSDRN SCSCSLQKTG KYKGMIEDCC CDYETVDNLN TEVLNPLLQD LVTTFFFRYY KVKLWDCDPF WPDDGMCLRL DCSVCECPEN EFPEPFKKPF VPGLPSDDLK CQEGKPQGAV DRTIDNRAFR GWVETKNPWT HDDDTDSGEM SYVNLQLNPE RYTGYPGSA RRIWDSIYSE NCPKYSSGET CPEKKVLYKL ISGLHSSISM HIAADYLLDE SRNQWGQNI LMYDRILRHP DRVRNMYFTY LFLRAVTKA TAYLEQAEYD TGNHAEDLKT QSLIKQLLYS PKLQTACPVP FDEAKLWQGQ SGPELKQQIQ KQFRNISALM DCVGCEKCR L WGKLQVQGLG TALKILFSVG NQDIGDQTLQ LQRNEVIALV NLLNRLSESV KMVHDMSPDV ERLMEDQIAK VSAKPARLRR IWDLAVSFW
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

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Purity: > 90 %

## Target Details

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Target: ER01

Alternative Name: Endoplasmic oxidoreductin-1 (AERO1) ([ERO1 Products](#))

Background: Recommended name: Endoplasmic oxidoreductin-1.  
EC= 1.8.4.-

UniProt: [Q9C7S7](#)

## 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

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