Datasheet for ABIN7590964

# ERO1L Protein (AA 24-464) (His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | ERO1L |
| Protein Characteristics: | AA 24-464 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ERO1L protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | EEQQQET AAQRCFCQVS GYLDDCTCDV ETIDKFNNYR LFPRLQKLLE SDYFRYYKVN LRKPCPFWND INQCGRRDCA VKPCHSDEVP DGIKSASYKY SKEANLLEEC EQAERLGAVD ESLSEETQKA VLQWTKHDDS SDSFCEVDDI QSPDAEYVDL LLNPERYTGY KGPDAWRIWS VIYEENCFKP QTIQRPLASG QGKHKENTFY SWLEGLCVEK RAFYRLISGL HASINVHLSA RYLLQDNWLE KKWGHNVTEF QQRFDGVLTE GEGPRRLKNL YFLYLIELRA LSKVLPFFER PDFQLFTGNK VQDVENKELL LEILHEVKSF PLHFDENSFF AGDKNEAHKL KEDFRLHFRN ISRIMDCVGC FKCRLWGKLQ TQGLGTALKI LFSEKLIANM PESGPSYEFQ LTRQEIVSLF NAFGRISTSV RELENFRHLL QNVH |
| Specificity: | Rattus norvegicus (Rat) |
| 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. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | ERO1L |
| Abstract: | ERO1L Products |
| Background: | Recommended name: ERO1-like protein alpha.<br>Short name= ERO1-L.<br>Short name= ERO1-L-alpha.<br>EC= 1.8.4.-.<br>Alternative name(s): Endoplasmic oxidoreductin-1-like protein Global ischemia-induced protein 11 Oxidoreductin-1-L-alpha |
| UniProt: | Q8R4A1 |
| Pathways: | Peptide Hormone Metabolism, ER-Nucleus Signaling, Brown Fat Cell Differentiation |

## 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 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

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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 |

## Handling

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

 