

**(Mouse) Eras Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP21303b**

**Specification**

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**(Mouse) Eras Blocking Peptide (C-term) - Product Information**

Primary Accession [Q7TN89](#)

**(Mouse) Eras Blocking Peptide (C-term) - Additional Information**

**Gene ID** 353283

**Other Names**

GTPase ERas, E-Ras, Embryonic stem cell-expressed Ras, Eras

**Target/Specificity**

The synthetic peptide sequence is selected from aa 202-216 of HUMAN Eras

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**(Mouse) Eras Blocking Peptide (C-term) - Protein Information**

**Name** Eras

**Function**

Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

**Tissue Location**

Expressed in several undifferentiated mouse embryonic stem cell lines.

**(Mouse) Eras Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**(Mouse) Eras Blocking Peptide (C-term) - Images****(Mouse) Eras Blocking Peptide (C-term) - Background**

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**(Mouse) Eras Blocking Peptide (C-term) - References**

Takahashi K., et al. Nature 423:541-545(2003).  
Carninci P., et al. Science 309:1559-1563(2005).