

RAE1 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21654a**Specification**

RAE1 Blocking Peptide (N-Term) - Product InformationPrimary Accession [P78406](#)**RAE1 Blocking Peptide (N-Term) - Additional Information****Gene ID** 8480**Other Names**

mRNA export factor, Rae1 protein homolog, mRNA-associated protein mrnp 41, RAE1, MRNP41

Target/Specificity

The synthetic peptide sequence is selected from aa 29-42 of HUMAN RAE1

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.

RAE1 Blocking Peptide (N-Term) - Protein Information**Name** RAE1**Synonyms** MRNP41**Function**

Acts as a mRNA export factor involved in nucleocytoplasmic transport (PubMed:20498086, PubMed:33849972). Plays a role in mitotic bipolar spindle formation (PubMed:17172455). May function in attaching cytoplasmic mRNPs to the cytoskeleton both directly or indirectly (PubMed:17172455).

Cellular Location

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, spindle pole. Nucleus envelope. Note=Recruited from interphase nuclei to spindle MTs during mitosis.

RAE1 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

RAE1 Blocking Peptide (N-Term) - Images

RAE1 Blocking Peptide (N-Term) - Background

Binds mRNA. May function in nucleocytoplasmic transport and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton.

RAE1 Blocking Peptide (N-Term) - References

Bharathi A.,et al.Gene 198:251-258(1997).
Kraemer D.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:9119-9124(1997).
Lu L.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).