

**Mage-1 Antigen (161-169), human**  
**Synthetic Peptide**  
**Catalog # SP2633a****Specification**

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**Mage-1 Antigen (161-169), human - Product Information**Primary Accession  
Sequence[P43355](#)  
**NH2-EADPTGHSY-COOH****Mage-1 Antigen (161-169), human - Additional Information****Gene ID** 4100**Other Names**

Melanoma-associated antigen 1, Antigen MZ2-E, Cancer/testis antigen 11, CT11, MAGE-1 antigen, MAGEA1, MAGE1, MAGE1A

**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.

**Mage-1 Antigen (161-169), human - Protein Information****Name** MAGEA1**Synonyms** MAGE1, MAGE1A**Function**

May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deacetylase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.

**Cellular Location**

Cytoplasm. Nucleus.

**Tissue Location**

Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes. Never expressed in kidney tumors, leukemias and lymphomas

**Mage-1 Antigen (161-169), human - Images**

