

MAGE - A3 (167 - 176)
Synthetic Peptide
Catalog # SP2334b**Specification**

MAGE - A3 (167 - 176) - Product InformationPrimary Accession
Sequence[P43357](#)
NH2-MEVDPIGHLY-COOH**MAGE - A3 (167 - 176) - Additional Information****Gene ID** 4102**Other Names**

Melanoma-associated antigen 3, Antigen MZ2-D, Cancer/testis antigen 13, CT13, MAGE-3 antigen, MAGEA3, MAGE3

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 - A3 (167 - 176) - Protein Information**Name** MAGEA3 {ECO:0000303|PubMed:29779948, ECO:0000312|HGNC:HGNC:6801}**Function**

Activator of ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases that acts as a repressor of autophagy (PubMed:20864041, PubMed:31267705). May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex (PubMed:17942928, PubMed:20864041). May play a role in embryonal development and tumor transformation or aspects of tumor progression (PubMed:17942928, PubMed:20864041). In vitro promotes cell viability in melanoma cell lines (PubMed:17942928). Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes (PubMed:8113684).

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 and placenta. Never expressed in kidney tumors, Leukemias and lymphomas

MAGE - A3 (167 - 176) - Images