



**LKT Laboratories, Inc.**

**Melanoma Antigen Gene-encoding Fragment 3 (271-279),  
human**

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## Product Information

**Product ID** M0224

**CAS No.** 160295-81-8

**Chemical Name**

**Synonym** MAGE-3

**Formula** C<sub>53</sub>H<sub>79</sub>N<sub>13</sub>O<sub>10</sub>

**Formula Wt.** 1058.3

**Melting Point**

**Purity** ≥95%

**Solubility**

Phe-Leu-Trp-Gly-Pro-Arg-Ala-  
Leu-Val

<b>Product ID</b>	<b>Size</b>
M0224	1 mg
M0224	2 mg
M0224	5 mg

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Melanoma antigen gene-encoding fragment MAGE-3 (271-279) is a peptide antigen presented by hepatocellular carcinoma cells in vitro and in vivo. MAGE-3 (271-279) could be targeted by epitope-specific CD8+ T cells in the development of an anticancer vaccine.

**References** Zhou M, Peng JR, Zhang HG, et al. Identification of two naturally presented MAGE antigenic peptides from a patient with hepatocellular carcinoma by mass spectrometry. *Immunol Lett.* 2005 Jun 15;99(1):113-21. PMID: 15885805.

Zerbini A, Pilli M, Soliani P, et al. Ex vivo characterization of tumor-derived melanoma antigen encoding gene-specific CD8 +cells in patients with hepatocellular carcinoma. *J Hepatol.* 2004 Jan;40(1):102-9. PMID: 14672620.

Kanaoka S, Yamasaki S, Okino T, et al. Induction of human leukocyte antigen (HLA)-A2-restricted and MAGE-3-gene-derived peptide-specific cytolytic T lymphocytes using cultured dendritic cells from an HLA-A2 esophageal cancer patient. *J Surg Oncol.* 1999 May;71(1):16-21. PMID: 10362086.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.