10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAGE-1, human recombinant protein

Melanoma-associated antigen 1, MAGE-1 antigen, Antigen MZ2-E, Cancer/testis antigen 1,1, CT1,1, MAGE

Catalog # PBV10424r

Specification

MAGE-1, human recombinant protein - Product info

Primary Accession	P43355
Concentration	0.1
Calculated MW	38 kDa KDa

MAGE-1, human recombinant protein - Additional Info

Gene ID	4100
Gene Symbol	MAGEA1

Other Names
Melanoma-associated antigen 1, MAGE-1 antigen, Antigen MZ2-E, Cancer/testis antigen 1, 1, CT1, 1, MAGEA1, MAGE1, MAGE1A, MGC9326,

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes

Format
Liquid

Storage
-20°C; Sterile filtered solution. 50 ul (100 mg/ml) purified human MAGE-1 in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA and 20% glycerol.

MAGE-1, human recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAGE-1, human recombinant protein - Images

MAGE-1, human recombinant protein - Background

Human malignant neoplasms carry rejection antigens that are recognized by the patients

autologous, tumor directed and specific, cytolytic, CD8+T lymphocyte clones (CTL). An important group of antigens is coded by the MAGE family of genes. It was identified that melanomas and primary glial brain tumors express common melanoma associated antigens (MAAs). Because MAGE-1 is expressed on a significant proportion of human neoplasms of various histological types (melanoma, brain tumors of glial origin, neuroblastoma, non-small cell lung cancer, breast, gastric, colorectal, ovarian, renal cell carcinomas) and not on normal tissues, the encoded antigen may serve as a marker of early detection and target for cancer immunotherapy.