
Product Data Sheet

Product Name: MAGEA8 Human
 Cat. No.: GP23871
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Melanoma Antigen Family A8; MAGE-8 Antigen; MAGE8; Cancer/Testis Antigen 1.8; CT1.8; Cancer/Testis Antigen Family 1; Member 8; Cancer/Testis Antigen Family 1; Melanoma-Associated Antigen 8; Melanoma Antigen Family A; 8; Member 8; MAGEA8.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLLGQKS QRYKAE EGLQ AQGEAPGLMD VQIPTAEEQK AASSSSTLIM GTLEEVTD SG SPSPQSPEG ASSSLTVTDS TLWSQSDEGS SSNEEEGPST SPDPAHLESL FREALDEKVA ELVRFLLRKY QIKEPVTKAE MLESVIKNYK NHFPDIFSKA SECMQVIFGI DVKEVDPAGH SYILVTCLGL SYDGLLGDDQ STPKTGLLII VLG MILMEGS RAPEEAIWEA LSVMGLYDGR EHSVYWKLRK LLTQEWVQEN YLEYRQAPGS DPVRYEFLWG PRALAETSYV KVLEHVVRVN ARVRISYPSL HEEALGEEKG V.		
Formulation	MAGEA8 protein solution (0.25mg/ml) containing Phosphate Buffered Saline, 10% glycerol and 1mM DTT.		

Introduction

Melanoma Antigen Family A 8, also known as MAGEA8 belongs to the MAGE gene family, which includes twelve known genes, of which six are expressed in tumors. Furthermore, the MAGE genes were at first isolated from different kinds of tumors, and according to their virtually exclusive tumor-specific expression in adult tissues, they have been used as targets for cancer immunotherapy.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

MAGEA8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (1-318 a.a) and having a molecular mass of 37.6kDa. MAGEA8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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