9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MAGEA3 Human

Melanoma Antigen Family A, 3 Human Recombinant
RCP1301

Product Overview

Name	MAGEA3 Human
Description	
Melanoma Antigen Family A, 3 Human Recombinant	
Accession (Primary)	P43357
Synonyms	
CT1.3, MAGE3, HYPD, Melanoma Antigen family A, 3, MAGE-3 antigen, MAGEA6, Antigen MZ2-D, Melanoma-Associated antigen 3.	
Introduction	
MAGE belongs to the MAGE gene family, that comprises 12 known genes, of which 6 are expressed in tumors. The Melanoma-associated antigen 3 genes were originally isolated from different kinds of tumors, and based on their virtually limited tumor-specific expression in adult tissues, they were used as targets for cancer immunotherapy. MAGEA3 is a tumor-specific antigen extensively expressed in solid and hematologic malignancies, but not in normal tissues, with the exclusion of testis and placenta. Consequently, MAGEA3 is an outstanding candidate tumor antigen.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MAGEA3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 100mM NaCl and 10% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPLEQRS QHCKPEEGLE ARGEALGLVG AQAPATEEQE AASSSSTLVE VTLGEVPAAE SPDPPQSPQG ASSLPTTMNY PLWSQSYEDS SNQEEEGPST FPDLESEFQA ALSRKVAELV	

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HFLLLKYRAR EPVTKAEMLG SVVGNWQYFF PVIFSKASSS LQLVFGIELM EVDPIGHLYI FATCLGLSYD

GLLGDNQIMP KAGLLIIVLA IIAREGDCAP EEKIWEELSV LEVFEGREDS ILGDPKKLLT QHFVQENYLE

YRQVPGSDPA CYEFLWGPRA LVETSYVKVL HHMVKISGGP HISYPPLHEW VLREGEE

Precautions

MAGEA3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P43357)