9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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MAGEA6 Human

Melanoma Antigen Family A, 6 Human Recombinant
RCP1304

Product Overview

Name	MAGEA6 Human
Description	
Melanoma Antigen Family A, 6 Human Recombinant	
Accession (Primary)	P43360
Synonyms	
Melanoma-associated antigen 6, Cancer/testis antigen 1.6, CT1.6, MAGE-6 antigen, MAGE3B antigen, MAGEA6, MAGE6, MAGE3B, MAGE-3b.	
Introduction	
MAGEA6 belongs to the MAGEA family, which directs the expression of tumor antigens which are seen on a human melanoma by autologous cytolytic T lymphocytes (CTL). Members of the MAGEA family encode proteins with 50 to 80% sequence identity to each other. The MAGE genes, which are clustered at chromosomal location Xq28, were originally isolated from separate kinds of tumors, and based on their practically exclusive tumor-specific expression in adult tissues; they are objects for cancer immunotherapy. MAGEA genes′ promoters and first exons exhibit substantial variability, implying that the existence of the MAGEA gene family enables the same function to be expressed under different transcriptional controls. MAGEA genes are implicated in several hereditary disorders, such as dyskeratosis congenita.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
MAGEA6 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.	
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	

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MPLEQRSQHC KPEEGLEARG EALGLVGAQA PATEEQEAAS SSSTLVEVTL GEVPAAESPD PPQSPQGASS LPTTMNYPLW SQSYEDSSNQ EEEGPSTFPD LESEFQAALS RKVAKLVHFL LLKYRAREPV TKAEMLGSVV GNWQYFFPVI FSKASDSLQL VFGIELMEVD PIGHVYIFAT CLGLSYDGLL GDNQIMPKTG FLIIILAIIA KEGDCAPEEK IWEELSVLEV FEGREDSIFG DPKKLLTQYF VQENYLEYRQ VPGSDPACYE FLWGPRALIE TSYVKVLHHM VKISGGPRIS YPLLHEWALR EGEE LEHHHH HH .

Precautions

MAGEA6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P43360)