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

MAGEA5 Human

Melanoma Antigen Family A, 5 Human Recombinant
RCP1303

Product Overview

Name	MAGEA5 Human
Description	
Melanoma Antigen Family A, 5 Human Recombinant	
Accession (Primary)	P43359
Synonyms	
Melanoma antigen family A 5, Cancer/testis antigen 1.5, CT1.5, cancer/testis antigen family 1 member 5, MAGE-5 (5a/5b) antigen, MAGEA4, MGC129526.	
Introduction	
MAGEA5 belongs to the MAGEA gene family which encodes proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes are variable, which signify that the presence of this gene family enables the same role to be expressed under diverse transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They are associated with several hereditary disorders, like dyskeratosis congenita. MAGEA5 gene encodes a protein which is C-terminally truncated compared to other family members, and can be alternatively interpreted to be a pseudogene.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MAGEA5 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1mM PMSF and 20% 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 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MSLEQK SQHCKPEEGL DTQEEALGLV GVQAATTEEQ EAVSSSSPLV PGTLGEVPAA GSPGPLKSPQ GASAIPTAID FTLWRQSIKG SSNQEEEGPS TSPDPESVFR AALSKKVADL	

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IHFLLLKY

Precautions

MAGEA5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P43359)