

Recombinant Full Length Human MAGEA5P Protein, C-Flag-tagged

Cat. No. MAGEA5P-1543HFL **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Full Length Human MAGEA5P Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. This MAGEA gene is interpreted to be a pseudogene. Read-through transcription exists between this gene and the upstream melanoma antigen family A, 10 (MAGEA10) gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	12.8 kDa
AA Sequence	MSLEQKSQHCCKPEEGLDTQEEALGLVGVQAATTEEQEAVSSSSPLVPGTLGEVPAA GSPGPLKSPQGASAIPTAIDFTLWRQSIKGSSNQEEEGPSTSPDPESVFRAALSKKV ADLIHFLLLKY TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

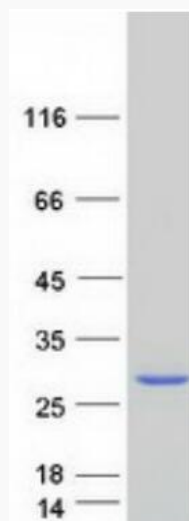
GENE INFORMATION

Gene Name	MAGEA5P MAGE family member A5, pseudogene [Homo sapiens (human)]
Official Symbol	MAGEA5P
Synonyms	CT1.5; MAGE5; MAGEA4; MAGEA5
Gene ID	4104
MIM	300340
UniProt ID	P43359

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Coomassie blue staining of purified MAGEA5 protein.

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