

Recombinant Human MAGEA9

Cat. No. MAGEA9-30168TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MAGEA9 with a N terminal proprietary tag; Predicted MWt 60.76 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	315 amino acids
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.
Molecular Weight	60.760kDa inclusive of tags
Tissue specificity	Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSLEQRSPHCKPDEDLEAQGEDLGLMGAQEPTGEEEEET TSSSDSKEEEVSAAGSS SPPQSPQGGASSSISVYYTLWSQ FDEGSSSQEEEEPSSSVDPAQLEFMFQEALEL KVAELVHF LLHKYRVKEPVTKAEMLESVIKNYKRYFPVIFGKASEFMQ VIFGTDVKE VDPAGHSYILVTALGLSCDSMLGDGHSMPKA ALLIIVLGVILTKDNCAPEEVIWEALS VMGVYVGKEHMFY GEPRKLLTQDWVQENYLEYRQVPGSDPAHYEFLWGSKAHA ETSYEKVINYLVMLNAREPICYPSLYEEVLGEEQEGV
Sequence Similarities	Contains 1 MAGE domain.

GENE INFORMATION

Gene Name	MAGEA9 melanoma antigen family A, 9 [Homo sapiens]
Official Symbol	MAGEA9
Synonyms	MAGEA9; melanoma antigen family A, 9; MAGE9; melanoma-associated antigen 9; cancer/testis antigen family 1; member 9; CT1.9; MAGE 9 antigen; melanoma associated antigen 9; MGC8421;
Gene ID	4108
mRNA Refseq	NM_005365

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Protein Refseq	NP_005356
MIM	300342
Uniprot ID	P43362
Chromosome Location	Xq28

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