

Recombinant Human MAGEA1 Protein, FLAG-tagged

Cat. No. MAGEA1-170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA1 Protein was expressed in mammalian cells with C terminal FLAG-tag.
Species	Human
Source	HEK293
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.
AA Sequence	MSLEQRSLHC KPEEALEAQQ EALGLVCVQA ATSSSSPLVLGTLEEVPTAG STDPPQSPQG ASAFPPTINF TRQRQPSEGSSSREEEGPST SCILESLFRA VITKKVADLV GFLLLKYRAR EPVTKAEMLE SVIKNYKHCF PEIFGKASES LQLVFGIDVKEADPTGHSYV LVTCLGLSYD GLLGDNQIMP KTGFLIIVLVMIAMEGGHAP EEEIWEELSV MEVYDGREHS AYGEPRKLLT QDLVQEKYLE YRQVPDSDPA RYEFLWGPRA LAETSYVKVLEYVIKVSARV RFFFPSLREA ALREEEEGV

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Purity	Greater than 90% by SDS-PAGE
Storage	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. Generally, the shelf life of liquid form is 6 months at -20 centigrade /-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
GENE INFORMATION	
Gene Name	MAGEA1 melanoma antigen family A, 1 (directs expression of antigen MZ2-E) [Homo sapiens]
Official Symbol	MAGEA1
Synonyms	MAGEA1; melanoma antigen family A, 1 (directs expression of antigen MZ2-E); MAGE1; melanoma-associated antigen 1; cancer/testis antigen family 1; member 1; CT1.1; melanoma antigen family A 1; melanoma antigen MAGE 1; melanoma associated antigen 1; melanoma associated antigen MZ2 E; MGC9326; antigen MZ2-E; MAGE-1 antigen; melanoma antigen MAGE-1; cancer/testis antigen 1.1; melanoma-associated antigen MZ2-E; cancer/testis antigen family 1, member 1;
Gene ID	4100
mRNA Refseq	NM_004988
Protein Refseq	NP_004979
MIM	300016
UniProt ID	P43355

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