

Recombinant Full Length Human MAGEA1 Protein, C-Flag-tagged

Cat. No. MAGEA1-762HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAGEA1 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.2 kDa
AA Sequence	MSLEQRSLHCKPEEALAEQAEALGLVCVQAAASSSSPLVLGTLEEVPTAGSTDPPQ SPQGASAFPTTINF TRQRQPSEGSSSREEEGPSTSCILESIFRAVITKKVADLVGFLL LKYRAREPVTKAEMLESVIKNYKHCF PEIFGKASESLQLVFGIDVKEADPTGHSYVLV TCLGLSYDGLLGDNQIMPKTGFLIIVLVMIAEGGHAP EEEIWEELSVMEVYDGREH SAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGPRLAETSYVKVL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EYVIKVSARVRFFFPSLREAALREEEEGVTRTRPLEQKLISEEDLAANDILDYKDDDD KV
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	MAGEA1 MAGE family member A1 [Homo sapiens (human)]
Official Symbol	MAGEA1
Synonyms	CT1.1; MAGE1
Gene ID	4100
mRNA Refseq	NM_004988.5
Protein Refseq	NP_004979.3

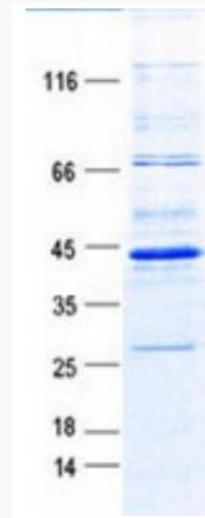
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MIM 300016

UniProt ID P43355



Coomassie blue staining of purified MAGEA1 protein.

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