

Recombinant Full Length Human MAGEA8 Protein, C-Flag-tagged

Cat. No. MAGEA8-1608HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAGEA8 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35 kDa
AA Sequence	MLLGQKSQRYKAE EGLQAQGEAPGLMDVQIPTAEEQKAASSSSTLIMGTLEEVTDS GSPSPQSPGASS SLTVTDSTLWSQSDEGSSSNEEEGPSTSPDPAHLESLFRE LDEKVAELVRFLLRKYQIKEPVTKAEMLE SVIKNYKNHFPDIFSKASECMQVIFGIDVK EVDPAGHSYILVTCLGLSYDGLLGDDQSTPKTGLLIIVLG MILMEGSRAPEEAIWEAL

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SVMGLYDGREHSVYWKLRKLLTQEWVQENYLEYRQAPGSDPVRYEFLWGPRA
LAETSYVKVLEHVVRVNARVRISYPSLHEEALGEEKGVTRTRPLEQKLISEEDLAAND
ILDYKDDDDKV

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	MAGEA8 MAGE family member A8 [Homo sapiens (human)]
Official Symbol	MAGEA8
Synonyms	CT1.8; MAGE8
Gene ID	4107
mRNA Refseq	NM_005364.5
Protein Refseq	NP_005355.2

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MIM 300341

UniProt ID P43361



Coomassie blue staining of purified MAGEA8 protein.

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