

Recombinant Full Length Human MAGEA12 Protein

Cat. No. MAGEA12-294HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MAGEA12 with N terminal proprietary tag; Predicted MWt 60.61 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	314 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Form	Liquid
Molecular Mass	60.010kDa inclusive of tags
AA Sequence	MPLEQRSQHCKPEEGLEAQGEALGLVGAQAPATEEQETAS SSSTLVEVTLREVPAAESPPPHSPQGASTLPTTINYTLW SQSDEGSSNEEQEGPSTFPDLETSFQVALSRKMAELVHFL LLKYRAREPFTKAEMLGSVIRNFQDFFPVIFSKASEYLQL VFGIEVVEV

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VRIGHLYILVTCLGLSYDGLLGDNQIVPKTG LLIIVLAIIAKEGDCAPEEKIWEELSVLEA
SDGREDSVFA HPRKLLTQDLVQENYLEYRQVPGSDPACYEFLWGPRALVE TSYVK
VLHLLKISGGPHISYPPLHEWAFREGEE

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [MAGEA12 melanoma antigen family A, 12 \[Homo sapiens \]](#)

Official Symbol [MAGEA12](#)

Synonyms MAGEA12; melanoma antigen family A, 12; MAGE12; melanoma-associated antigen 12; cancer/testis antigen family 1; member 12; CT1.12

Gene ID [4111](#)

mRNA Refseq [NM_001166386](#)

Protein Refseq [NP_001159858](#)

MIM [300177](#)

UniProt ID [P43365](#)

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