

Recombinant Human MAGEA3, His-tagged

Cat. No. MAGEA3-28506TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MAGEA3 with an N terminal His tag; 337 amino acids with a predicted MWt 37.1kDa including tag,.
Species	Human
Source	E.coli
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.
Conjugation	HIS
Molecular Weight	37.100kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 100mM Sodium chloride, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSMPLQSRQSHCKPEEGLEARGEALGLVGAQAP ATEEQEAASSSSTLVEVTLGEVPAESPDPQPQSGASSLPTTMNYPLWSQSYEDS SNQEEEGPSTFPDLESEFQAALSRKVAELVHFLLLKYRAREPVTKAEMLGSVVGNW QYFFPVIFSKASSSLQLVFGIELMEVDPIGHLYIFATCLGLSYDGLLDGNQIMPKAGLLI IVLAIAREGDCAPEEKIWEELSVLEVFEGREDSILGDPKKLLTQHFVQENYLEYRQVP GSDPACYEFLWGPRLVETSYVKVLHMHMVKISGGPHISYPPLHEWVLREGEE

GENE INFORMATION

Gene Name	MAGEA3 melanoma antigen family A, 3 [Homo sapiens]
Official Symbol	MAGEA3
Synonyms	MAGEA3; melanoma antigen family A, 3; MAGE3; melanoma-associated antigen 3; antigen MZ2 D; cancer/testis antigen family 1; member 3; CT1.3; HIP8; HYPD; MAGE 3 antigen; melanoma associated antigen 3; MGC14613;
Gene ID	4102
mRNA Refseq	NM_005362
Protein Refseq	NP_005353
MIM	300174

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Uniprot ID	P43357
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Chromosome Location	Xq28
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