

Product datasheet for **AR09531PU-N**

MAGE-4 (1-317, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MAGE-4 (1-317, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSSEQKSQHC KPEEGVEAQE EALGLVGAQA PTTEEQEA AV SSSSPLVPGT LEEVPAESA GPPQSPQGAS ALPTTISFTC WRQPNEGSSS QEEEGPSTSP DAESLFREAL SNKVDELAHF LLRKYRAKEL VTKAEMLERV IKNYKRCFPV IFGKASESLK MIFGIDVKEV DPTSNTYTLV TCLGLSYDGL LGNNQIFPKT GLLIIVLGTI AMEGDSASEE EIWEELGVMG VYDGREHTVY GEPKLLTQD WVQENYLEYR QVPGSNPARY EFLWGPRALA ETSYVKLEH VVRVNARVRI AYPSLREAAL LEEEEGV
Tag:	His-tag
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 20% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human MAGEA4, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001011548</u>
Locus ID:	4103
UniProt ID:	<u>P43358</u> , <u>A0A024RC12</u>
Cytogenetics:	Xq28
Synonyms:	CT1.4; MAGE-41; MAGE-X2; MAGE4; MAGE4A; MAGE4B



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Summary:

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. Several variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2020]

Product images: