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# 32-4157: Recombinant Human Melanoma Antigen Family A, 4

**Alternative Name :** CT1.4,MAGE4,MAGE-4 antigen,MAGE-X2 antigen,MAGE-41 antigen,MAGE4B,MGC21336,Cancer/testis antigen 1.4,MAGEA4.

## Description

Source : Escherichia Coli. MAGEA4 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-317 a.a.) and having a molecular mass of 37 kDa. The MAGEA4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. MAGEA4 is part of the MAGEA family, which directs the expression of tumor antigens that are identified on a human melanoma by autologous cytolytic T lymphocytes (CTL). MAGEA4 participates in embryonal development and tumor transformation or aspects of tumor progression. MAGEA4 is expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta.

## Product Info

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| **Amount :** | 25 µg |
| **Purification :** | Greater than 90.0% as determined by SDS-PAGE. |
| **Content :** | MAGEA4 Human solution containing 20mM Tris-HCl pH-8 & 20% glycerol. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MSSEQKSQHC KPEEGVEAQE EALGLVGAQA PTTEEQEAAV SSSSPLVPGT LEEVPAAESA GPPQSPQGAS ALPTTISFTC WRQPNEGSSS QEEEGPSTSP DAESLFREAL SNKVDELAHF LLRKYRAKEL VTKAEMLERV IKNYKRCFPV IFGKASESLK MIFGIDVKEV DPTSNTYTLV TCLGLSYDGL LGNNQIFPKT GLLIIVLGTI AMEGDSASEE EIWEELGVMG VYDGREHTVY GEPRKLLTQD WVQENYLEYR QVPGSNPARY EFLWGPRALA ETSYVKVLEH VVRVNARVRI AYPSLREAAL LEEEEGV. |

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