

MAGEA3

Recombinant Human Melanoma-Associated Antigen 3 His

Catalog No.	CRF106A CRF106B CRF106C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	CT1.3, MAGE3, HYPD, Melanoma Antigen family A, 3, MAGE-3 antigen, MAGEA6, Melanoma-Associated antigen 3.		
Description:	<p>MAGE belongs to the MAGE gene family, that comprises 12 known genes, of which 6 are expressed in tumors. The Melanoma-associated antigen 3 genes were originally isolated from different kinds of tumors, and based on their virtually limited tumor-specific expression in adult tissues, they were used as targets for cancer immunotherapy. MAGEA3 is a tumor-specific antigen extensively expressed in solid and hematologic malignancies, but not in normal tissues, with the exclusion of testis and placenta. Consequently, MAGEA3 is an outstanding candidate tumor antigen.</p> <p>Recombinant Human MAGEA3 is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-314 aa). It is fused to a 23 amino acid His-tag at the N-terminus & purified by proprietary chromatographic techniques.</p>		
Gene ID:	4102		
Source:	<i>E. coli</i>		
Molecular Mass:	37.1 kDa		
Formulation:	Sterile filtered liquid solution (1 mg/ml) in 20 mM Tris-HCl buffer, pH 8.0, + 1 mM DTT + 100 mM NaCl + 10% glycerol.		
Purity:	<90% as determined by SDS-PAGE.		
Physical Appearance:	Sterile Filtered clear solution.		
Amino Acid Sequence:	<p>MGSSHHHHH SSGLVPRGSH MGSMPLERQS QHCKPEEGLE ARGEALGLVG AQAPATEEQE AASSSSTLVE VTLGEVPAAE SPDPPQSPQG ASSLPPTMNY PLWSQSYEDS SNQEEEGPST FPDLESEFQA ALSRKVAELV HFLLLKYRAR EPVTKAEMLG SVVGNWQYFF PVIFSKASSS LQLVFGIELM EVDPIGHLYI FATCLGLSYD GLLGDNQIMP KAGLLIIVLA IAREGDCAP EEKIWEELSV LEVFEGRSDS ILGDPKLLT QHFVQENYLE YRQVPGSDPA CYEFLWGPRA LVETSYVKVL HHMVKISGGP HISYPPLHEW VLREGEE</p>		
Storage & Stability:	Store at 4°C if entire vial will be used in 2-4 weeks. For long term storage, aliquot and store at -20°C with a carrier protein such as 0.1% HSA or BSA as a stabilizer. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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