

Melanoma Antigen Family A, 3 Human Recombinant

Item Number	rAP-3571
Synonyms	CT1.3, MAGE3, HYPD, Melanoma Antigen family A, 3, MAGE-3 antigen, MAGEA6, Antigen MZ2-D, Melanoma-Associated antigen 3.
Description	MAGEA3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-314 a.a.) and having a molecular mass of 37.1kDa.MAGEA3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P43357
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMPLEQRS QHCKPEEGLE ARGEALGLVG AQAPATEEQE AAS- SSSTLVE VTLGEVPAAE SPDPPQSPQG ASSLPPTMNY PLWSQSYEDS SNQEEEGPST FPDLESEFQA ALSRKVAELV HFLLLKYRAR EPVTKAEMLG SVVGNWQYFF PVIFSKASSS LQLVFGIELM EVDPIGHLYI FATCLGLSYD GLLGDNQIMP KAGLLIIVLA IAREGDCAPEEKIWEELSV LEVFEGREDS ILGDPKLLT QHfVQENYLE YRQVPGSDPA CYEFLWGPRA LVETSYVKVL HHMVKISGGP HISYPPLHEW VLREGEE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MAGEA3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**