

Melanoma Antigen Family A, 5 Human Recombinant

Item Number	rAP-3565
Synonyms	Melanoma antigen family A 5, Cancer/testis antigen 1.5, CT1.5, cancer/testis antigen family 1 member 5, MAGE-5 (5a/5b) antigen, MAGEA4, MGC129526.
Description	MAGEA5 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 148 amino acids (1-124) and having a molecular mass of 15.6kDa. MAGEA5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P43359
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSLEQK SQHCKPEEGL DTQEEALGLV GVQAATTEEQ EAVSSSSPLV PGTLGEVPAA GSPGPLKSPQ GASAIPTAID FTLWRQSIKG SSNQEEEGPS TSPDPESVFR AALSKKVADL IHFLLKY
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless 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 MAGEA5 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1mM PMSF and 20% glycerol. Greater than 85% 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**