

## Product datasheet for **TP760885**

### **MAGEA3 (NM\_005362) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human melanoma antigen family A, 3 (MAGEA3), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length MAGEA3
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	34.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 100 mM NaCl, 1 mM DTT
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005353</a>
<b>Locus ID:</b>	4102
<b>UniProt ID:</b>	<a href="#">P43357</a>
<b>RefSeq Size:</b>	1753
<b>Cytogenetics:</b>	Xq28
<b>RefSeq ORF:</b>	942
<b>Synonyms:</b>	CT1.3; HIP8; HYPD; MAGE3; MAGEA6



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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. [provided by RefSeq, Jul 2008]

**Product images:**