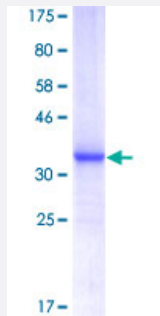


# MAGEA4 (Human) Recombinant Protein (Q01)

Catalog # H00004103-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human MAGEA4 partial ORF ( NP_002353, 98 a.a. - 171 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	TSPDAESLRFREALSNKVDELAHFLLRKYRAKELVTKAEMLERVIKNYKRCFPVIFGKASESLKMIF GIDVKEVD
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	33.88
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — MAGEA4

**Entrez GeneID** [4103](#)

**GeneBank Accession#** [NM\\_002362](#)

**Protein Accession#** [NP\\_002353](#)

**Gene Name** MAGEA4

**Gene Alias** MAGE-41, MAGE-X2, MAGE4, MAGE4A, MAGE4B, MGC21336

**Gene Description** melanoma antigen family A, 4

**Omim ID** [300175](#)

**Gene Ontology** [Hyperlink](#)

**Gene 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. At least four variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000025889|OTTHUMP00000025890|melanoma-associated antigen 4