

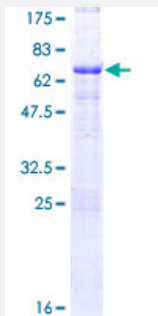
Full-Length

# MAGEA12 (Human) Recombinant Protein (P01)

Catalog # H00004111-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human MAGEA12 full-length ORF ( NP\_005358.2, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MPLEQRSQHCKPEEGLEAQGEALGLVGAQAPATEEQETASSSSTLVEVTLREVPAAESPPPH  
SPQGASTLPTTINYTLWSQSDEGSSNEEQEGPSTFPDLETSFQVALSRKMAELVHFLLLKYRARE  
PFTKAEMLGSVIRNFQDFFPVIFSKASEYLQLVFGIEVVEVVRIGHLYLVTCLGLSYDGLLDNQIVP  
KTGLLIIVLAIIAKEGDCAPEEKIWEELSVLEASDGREDSVFAHPRKLLTQDLVQENYLEYRQVPGS  
DPACYEFLWGPRALVETSYVKVLHHLLKISGGPHISYPPLHEWAFREGEE

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

61.2

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

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 — MAGEA12

Entrez GeneID [4111](#)

GeneBank Accession# [NM\\_005367.4](#)

Protein Accession# [NP\\_005358.2](#)

Gene Name MAGEA12

Gene Alias MAGE12

Gene Description melanoma antigen family A, 12

Omim ID [300177](#)

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. [provided by RefSeq]

**Other Designations** OTTHUMP00000024231