

Full-Length

MAGEA1 (Human) Recombinant Protein (P01)

Catalog # H00004100-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAGEA1 full-length ORF (AAH17555, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSLEQRSLHCKPEEALAEQQEALGLVCVQAAASSSSPLVLGTLEEVPTAGSTDPPQSPQGASA FPTTINFTRQRQPSEGSSSREEEGPSTSCILESIFRAVITKKVADLVGFLLKYNAREPVTKAEMLE SVIKNYKHCPEIFGKASESLQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLLDNQIMPKTGFLIV LVMIAMEGGHAPEEEWEELSVMEVYDGREHSAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARY EFLWGPRALAETSYVKVLEYVIKVSARVRFFPSLREAALREEEEGV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	59.73
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 — MAGEA1

Entrez GeneID [4100](#)

GeneBank Accession# [BC017555](#)

Protein Accession# [AAH17555](#)

Gene Name MAGEA1

Gene Alias MAGE1, MGC9326

Gene Description melanoma antigen family A, 1 (directs expression of antigen MZ2-E)

Omim ID [300016](#)

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 OTTHUMP00000025911|melanoma antigen MAGE-1|melanoma antigen family A 1|melanoma antigen family A, 1|melanoma-associated antigen 1|melanoma-associated antigen MZ2-E