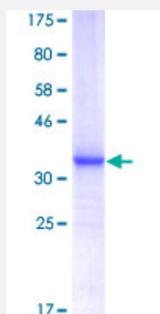


MAGEA4 (Human) Recombinant Protein (Q01)

Catalog # H00004103-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAGEA4 partial ORF (NP_002353, 98 a.a. - 171 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TSPDAESLFREALSNKVDLAHFLLRKYRAKELVTKAEMLERVIKNYKRCFPVIFGKASESLKMIF GIDVKEVD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.88
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 — 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	<p>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]</p>
Other Designations	OTTHUMP00000025889 OTTHUMP00000025890 melanoma-associated antigen 4