

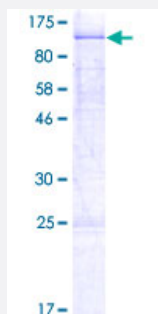
Full-Length

MAGED2 (Human) Recombinant Protein (P01)

Catalog # H00010916-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAGED2 full-length ORF (NP_055414.2, 1 a.a. - 606 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDTSESGAGLTRFQAEASEKDSSSMQTLTQNVVEVPETPKASKALEVSEDVKVSKASGV
SKATEVSKTPEAREAPATQASSTQLTDTQVLAAENKSLAADTKKQNADPQAVTMPATETKKVS
HVADTKVNTKAQETEAAPSQAPADEPEPESAAAQSQENQDTRPKVKAKKARKVKHLDGEEDG
SSDQSQASGTTGGRRVSKALMASMARRASRGPIAFWARRASRTRLAAWARRALLSLRSPKARR
GKARRRAAKLQSSQEPEAPPRDVALLQGRANDLVKYLAKDQTKIPIKRSMDMLKDIIKEYTDVYP
EIIERAGYSLEKVFGIQLKEIDKNDHLYILLSTLEPTDAGILGTTKDSPKLGLLMVLLSIIFMNGNRSSE
AVIWEVLRKLGLRPGIHHSFLGADVKKLITDEFVKQKYLDYARVPNSNPPEYEFFWGLRSYYETSKM
KVLKFACKVQKKDPKEWAAQYREAMEADLKAAAEAAAEAKARAEIRARMGIGLGSENAAGPCN
WDEADIGPWAKARIQAGAEAKAKAQESGASTGASTSTNNSASASASTSGGFSAGASLTATLTF
GLFAGLGGAGASTSGSSGACGFSYK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.4

Interspecies Antigen Sequence

Mouse (86); Rat (86)

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 — MAGED2

Entrez GeneID	10916
GeneBank Accession#	NM_014599.4
Protein Accession#	NP_055414.2
Gene Name	MAGED2
Gene Alias	11B6, BCG1, HCA10, JCL-1, MAGE-D2, MAGED, MGC8386
Gene Description	melanoma antigen family D, 2
Omim ID	300470
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the MAGED gene family. While the MAGEA and MAGEB genes are silent in normal tissues with the exception of testis and placenta, the MAGED genes are expressed ubiquitously. The MAGED genes are clustered on chromosome Xp11. This gene is located in Xp11.2, a hot spot for X-linked mental retardation (XLMR). Multiple alternatively spliced transcript variants have been found for this gene, however, the full length nature of some variants has not been defined. [provided by RefSeq]

Other Designations

OTTHUMP00000023381|OTTHUMP00000023382|breast cancer associated gene 1|hepatocellular carcinoma associated protein|hepatocellular carcinoma-associated protein HCA10|melanoma-associated antigen D2

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)