MAGED1 (Human) Recombinant Protein (Q01)
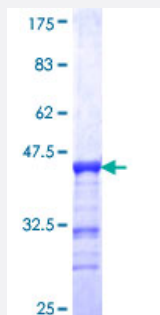
Catalog #   H00009500-Q01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human MAGED1 partial ORF (NP_001005333, 117 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EMADIQVSAAAARPKSAFKVQNATTKGPNGVYDFSQAHNAKDVPNTQPKAAFKSQNATPKGPN AAYDFSQAATTGELAANKSEMAFKAQNATTKVGPNATYNFSQSLNAN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — MAGED1

Entrez GeneID	9500
GeneBank Accession#	NM_001005333
Protein Accession#	NP_001005333
Gene Name	MAGED1
Gene Alias	DLXIN-1, NRAGE
Gene Description	melanoma antigen family D, 1
Omim ID	300224
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although the protein encoded by this gene shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000023302|OTTHUMP00000023303|OTTHUMP00000023304|OTTHUMP00000023305|neurotrophin receptor-interacting MAGE homolog

Pathway

- Neurotrophin signaling pathway

Disease

- [Genetic Predisposition to Disease](#)

- [Prostate cancer](#)

- [Prostatic Neoplasms](#)