

MAGEA1 Protein, Human, Recombinant (His)

General Information

Synonyms:	Melanoma-associated antigen 1;MAGE-1 antigen;MAGEA1;MAGE1A;Antigen MZ2-E; Cancer/testis antigen 1.1 (CT1.1);MAGE1
Protein Construction:	1-309 aa
Species:	Human
Expression Host:	P. pastoris (Yeast)
Accession:	P43355
Molecular Weight:	36.3 kDa (predicted)
AA Sequence:	MSLEQRSLHCKPEEALAQQEALGLVCVQAATSSSSPLVLGTL EEVPTAGSTDPPQSPQGASAFPTTINFTRQ RQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLLLKYRAREPVTKAEMLESVIKNYKHCPEIFGKASE SLQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLLDGNQIMPKTGFLIIVLMIAMEGGHAP EEEIWEELSVMEV YDGREHSAYGEPKLLTQDLVQEKEYLEQRQVPDSDPARYEFLWGPRLAETS YVKVLEYVIKVSARVRFFFPSL REALREEEEGV

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deacetylase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development

and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481