

Recombinant Human MAGEA1 Protein (1-309 aa), His-tagged

Cat. No. MAGEA1-1450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA1 Protein (1-309 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-309 aa
Description	May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in bryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.
Form	Tris-based buffer,50% glycerol
Molecular Mass	36.3 kDa
AA Sequence	MSLEQRSLHCKPEEAELEAQQEALGLVCVQAATSSSSPLVLGTLEEVPTAGSTDPPQ SPQGASAFPTTINFTRQRQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLL LKYRAREPVTKAEMLESVIKNYKHCPEIFGKASESLQLVFGIDVKEADPTGHSYVLV TCLGLSYDGLLGDNQIMPKTGFLIIVLVMIAMEGGHAPEEEIWEELSVMEVYDGREH SAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGPRLAETSYVKVLEYVIKV

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SARVRFFFPSLREAALREEEEGV

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [MAGEA1 melanoma antigen family A, 1 \(directs expression of antigen MZ2-E\) \[Homo sapiens \]](#)

Official Symbol [MAGEA1](#)

Synonyms MAGEA1; MAGE1; member 1; CT1.1; MGC9326; antigen MZ2-E;

Gene ID [4100](#)

mRNA Refseq [NM_004988](#)

Protein Refseq [NP_004979](#)

MIM [300016](#)

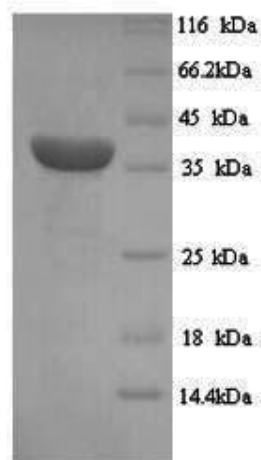
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UniProt ID

P43355



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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