

Recombinant Human Melanoma-associated antigen 1 (MAGEA1)

Catalog No: #AP74655

Package Size: #AP74655-1 10ug #AP74655-2 20ug #AP74655-3 50ug #AP74655-4 100ug

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Description

Product Name	Recombinant Human Melanoma-associated antigen 1 (MAGEA1)
Brief Description	Recombinant Human Melanoma-associated antigen 1 (MAGEA1)
Host Species	Mammalian Cell
Species Reactivity	Hu
Target Name	MAGEA1
Other Names	"Antigen MZ2-E Cancer/testis antigen 1.1 Short name: CT1.1 MAGE-1 antigen"
Accession No.	Uniprot ID: P43355
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GeneID	4100;
SDS-PAGE MW	55.19kDa
Target Length	Full Length, 1-309aa
Tag Info	C-terminal Flag-tagged
Target Sequence	MSLEQRSLHCKPEEALAQQEALGLVCVQAATSSSSPLVLGTLEEVPTAGSTDPPQSPQGASAFPTTINFTRQ RQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLLLKYRAREPVTKAEMLESVIKNYKHCPEIFGKAS ESLQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLLDNQIMPKTGFLIIVLVMAMEGGHAPEEEIWEELSVMEV YDGREHSAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGPRLAETS YVKVLEYVIKVSARVRFFFPS LREAAALREEEEGV
Formulation	Tris-based buffer, 50% glycerol
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C."

Application Details

Greater than 90% as determined by SDS-PAGE.

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.

References

"Cloning of human full-length CDSs in BD Creator(TM) system donor vector."Kalnine N., Chen X., Rolfs A., Halleck A., Hines L., Eisenstein S., Koundinya M., Raphael J., Moreira D., Kelley T., LaBaer J., Lin Y., Phelan M., Farmer A.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases

Note: This product is for in vitro research use only