

Datasheet for ABIN7549174

MAGEA1 Protein (AA 1-309) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MAGEA1
Protein Characteristics:	AA 1-309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAGEA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MAGEA1 Protein expressed in mammalian cells.
Sequence:	<p>MSLEQRSLHC KPEEALEAQQ EALGLVCVQA ATSSSSPLVL GTLEEVPTAG STDPPQSPQG</p> <p>ASAFPTTINF TRQRQPSEGS SSREEEGPST SCILESLFRA VITKKVADLV GFLLLKYRAR</p> <p>EPVTKAEMLE SVIKNYKHCF PEIFGKASES LQLVFGIDVK EADPTGHSYV LVTCLGLSYD</p> <p>GLLGDNQIMP KTGFLIIVLV MIAMEGGHAP EEEIWEELSV MEVDGREHS AYGEPRKLLT</p> <p>QDLVQEKYLE YRQVPDSDPA RYEFLWGPRA LAETSYVKVL EYVIKVSARV RFFFPSLREA</p> <p>ALREEEEGV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MAGEA1
Alternative Name:	MAGEA1 (MAGEA1 Products)
Background:	Melanoma-associated antigen 1 (Antigen MZ2-E) (Cancer/testis antigen 1.1) (CT1.1) (MAGE-1 antigen),FUNCTION: 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. {ECO:0000269 PubMed:15316101}.
Molecular Weight:	34.3 kDa
UniProt:	P43355

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months