

Product datasheet for PH302134

MAGE 1 (MAGEA1) (NM_004988) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAGEA1 MS Standard C13 and N15-labeled recombinant protein (NP_004979)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202134
Predicted MW:	34.3 kDa
Protein Sequence:	>RC202134 protein sequence Red =Cloning site Green =Tags(s) MSLEQRSLHCKPEEALAEQAEALGLVCVQAAASSSPLVLGTL EEVPTAGSTDPQPQASAFPTTINF TRQRQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLLK YRAREPVTKAEMLESVIK NYKHCF PEIFGKASESLQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLL GDNQIMPKTGFLIIVLVMIAMEGGHAP EEEIWEELSVMEVYDGREHSAYGEPKLLTQDLVQEKYLEYRQV PDSDPARYEFLWGPRLAETS YVKVL EYVIKVSARVRRFFPSLREAALREEEEGV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004979</u>
RefSeq Size:	1755
RefSeq ORF:	927
Synonyms:	CT1.1; MAGE1
Locus ID:	4100



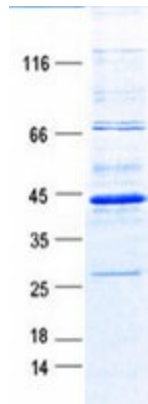
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UniProt ID: [P43355](#)

Cytogenetics: Xq28

Summary: This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified MAGEA1 protein (Cat# [TP302134]). The protein was produced from HEK293T cells transfected with MAGEA1 cDNA clone (Cat# [RC202134]) using MegaTran 2.0 (Cat# [TT210002]).