

Product datasheet for PH300670

MAGEA8 (NM_005364) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAGEA8 MS Standard C13 and N15-labeled recombinant protein (NP_005355)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200670
Predicted MW:	35.2 kDa
Protein Sequence:	>RC200670 protein sequence Red=Cloning site Green=Tags(s)

MLLGQKSQRYKAE EGLQAQGEAPGLMDVQIPTAEEQKAASSSSTLIMGTLEEVTDSGSPSPSPQSPGASS
SLTVTDSTLWSQSDGSSNEEEEGPSTSPDPAHLES LFREALDEKVAELVRFLLRKYQIKEPVTKAEMLE
SVIKNYKNHFPDIFSKASECMQVIFGIDVKEVDPAGHSYILVTCLGLSYDGLLGDDQSTPKTGLLIIVLG
MILMEGSRAPEEAIWEALSVMGLYDGREHSVYWKLRKLLTQEWVQENYLEYRQAPGSDPVRYEFLWGPRA
LAETSYVKVLEHVVRVNRVRISYPSLHHEALGEEKGV

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:	NP_005355
RefSeq Size:	1860
RefSeq ORF:	954
Synonyms:	CT1.8; MAGE8
Locus ID:	4107



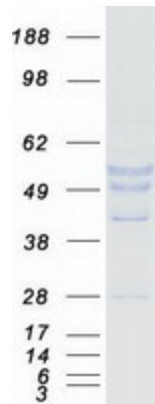
[View online »](#)

UniProt ID: [P43361](#), [B2R9W4](#)

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. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified MAGEA8 protein (Cat# [TP300670]). The protein was produced from HEK293T cells transfected with MAGEA8 cDNA clone (Cat# [RC200670]) using MegaTran 2.0 (Cat# [TT210002]).