

Product datasheet for PH303288

MAGEA3 (NM_005362) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAGEA3 MS Standard C13 and N15-labeled recombinant protein (NP_005353)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203288
Predicted MW:	34.6 kDa
Protein Sequence:	>RC203288 representing NM_005362 Red=Cloning site Green=Tags(s) MPLEQRSQHCKPEEGLEARGEALGLVGAQAPATEEQEAASSSSTLVEVTLGEVPAAESPPDPQSPQGASS LPTTMNYPLWSQSYEDSSNQEEEGPSTFPDLESEFQAALSRKVAELVHFLLLKYRAREPVTKAEMLGSVV GNWQYFFPVIFSKASSSLQLVFGIELMEVDPIGHLIYIFATCLGLSYDGLLDGNQIMPKAGLLIIVLAIIA REGDCAPEEKIWEELSVLEVFEGREDSILGDPKLLTQHFVQENYLEYRQVPGSDPACYEFLWGPRLVE TSYVKVLHMMVKISGGPHISYPPLHEWVLRGEE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_005353
RefSeq Size:	1753
RefSeq ORF:	942
Synonyms:	CT1.3; HIP8; HYPD; MAGE3; MAGEA6
Locus ID:	4102



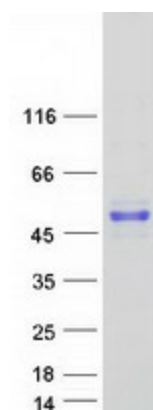
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UniProt ID: [P43357](#)

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 MAGEA3 protein (Cat# [TP303288]). The protein was produced from HEK293T cells transfected with MAGEA3 cDNA clone (Cat# [RC203288]) using MegaTran 2.0 (Cat# [TT210002]).