

Product datasheet for PH306060

MAGEB4 (NM_002367) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAGEB4 MS Standard C13 and N15-labeled recombinant protein (NP_002358)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206060
Predicted MW:	39 kDa
Protein Sequence:	>RC206060 protein sequence Red =Cloning site Green =Tags(s) MPRGQKSKLRAREKRQRTRGQTQDLKVGQPTAAEKEESPSSSVLRDTASSSLAFGIPQEPQREPPTTS AAAAMSGTGDGDESDQDEENASSSQASTSTERSLKDSLTRKTKMLVQFLLYKYKMKPTTKAEMLKIIIS KKYKEHFPEIFRKVSQRTELVFGLALKEVNPTTHSYILVSM LGPNYGNQSSAWTLPRNGLLMPLLSVIFL NGNCAREEEIWEFLNMLGIYDGKRHLIFGEPKLIITQDLVQEKYLEYQQVPNSDPPRYQFLWGPRAHAET SKMKVLEFLAKVNDTPNNFPLLYEALRDEEERAGARPRVAARRGTTAMTSAYS RATSSSSSQPM 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_002358</u>
RefSeq Size:	2266
RefSeq ORF:	1038
Synonyms:	CT3.6
Locus ID:	4115



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UniProt ID: [O15481](#)

Cytogenetics: Xp21.2

Summary: This gene is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEB genes are clustered on chromosome Xp22-p21. This gene sequence ends in the first intron of MAGEB1, another family member. This gene is expressed in testis. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified MAGEB4 protein (Cat# [TP306060]). The protein was produced from HEK293T cells transfected with MAGEB4 cDNA clone (Cat# [RC206060]) using MegaTran 2.0 (Cat# [TT210002]).