

Recombinant Full Length Human MAGEB1 Protein, C-Flag-tagged

Cat. No. MAGEB1-1343HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAGEB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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. This gene is localized in the DSS (dosage-sensitive sex reversal) critical region, and expressed in testis and in a significant fraction of tumors of various histological types. This gene and other MAGEB members are clustered on chromosome Xp22-p21. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene, however, the full length nature of some variants has not been defined.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.9 kDa
AA Sequence	MPRGQKSKLRAREKRRKAREETQGLKVAHATAAEKEECPSSSPVLGDTPTSSPAA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GIPQKPQGAPPTTT AAAAVSCTESDEGA KCQGEENASFSQATTSTESSVKDPVAW
 EAGMLMHFILRKYKMREPIMKADMLKV DEKYKDH FTEILNGASRRLELVFGLDLKE
 DNPSGHTYTLVSKLNLNDGNLSNDWDFPRNGLLMPLLGV IFLKGNSATEEEIWKF
 MNVLGAYDGEEHLIYGEPRKFITQDLVQE KYLKYEQVPNSDPPRYQFLWGPRA YAE
 TTKMKVLEFLAKMNGATPRDFPSHYEEALRDEEERAQVRSSVRARRRTTATTFRAR
 SRAPFSRSSH
 PMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

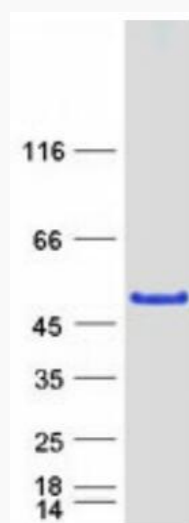
Gene Name	MAGEB1 MAGE family member B1 [Homo sapiens (human)]
Official Symbol	MAGEB1
Synonyms	CT3.1; DAM10; MAGEL1; MAGE-Xp
Gene ID	4112

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mRNA Refseq	NM_177404.3
Protein Refseq	NP_796379.1
MIM	300097
UniProt ID	P43366



Coomassie blue staining of purified MAGEB1 protein.