

# Recombinant Full Length Human MAGEB2 Protein, C-Flag-tagged

**Cat. No.** MAGEB2-1723HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human MAGEB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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. It is expressed in testis and placenta, and in a significant fraction of tumors of various histological types. The MAGEB genes are clustered on chromosome Xp22-p21. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 35.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MPRGQKSKLRAREKRRKARDETRGLNVPQVTEAEEEEAPCCSSSVSGGAASSSPA<br>AGIPQKPQRAPTTAA AAAAGVSSTKSKKGAKSHQGEKNASSSQASTSTKSPSEDPL<br>TRKSGSLVQFLLYKYKIKKSVTKGEMLKI VGKRFREHFPEILKKASEGLSVVFGLLELN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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KVNPNGHTYTFIDKVDLTDEESLLSSWDFPRRKLLMPLLGV IFLNGNSATEEEIWEFL  
 NMLGVYDGEEHSVFGEPWKLITKDLVQEKYLEYKQVPSSDPPRFQFLWGPRAY  
 AETSKMKVLEFLAKVNGTTPCAFPTHYEEALKDEEKAGVTRTRPLEQKLISEEDLAA  
 NDILDYKDDDDKV

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

## GENE INFORMATION

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| <b>Gene Name</b>       | MAGEB2 MAGE family member B2 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | MAGEB2                                                |
| <b>Synonyms</b>        | DAM6; CT3.2; MAGE-XP-2                                |
| <b>Gene ID</b>         | 4113                                                  |
| <b>mRNA Refseq</b>     | NM_002364.5                                           |

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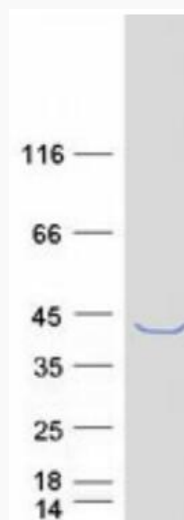
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**Protein Refseq** [NP\\_002355.2](#)

**MIM** [300098](#)

**UniProt ID** [O15479](#)



Coomassie blue staining of purified MAGEB2 protein.

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