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# Product datasheet for TP301748

## MAGED2 (NM_014599) Human Recombinant Protein

### Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant protein of human melanoma antigen family D, 2 (MAGED2), transcript variant 1, 20 µg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >RC201748 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MSDTSESGAGLTRFQAEASEKDSSSMMQTLLTVTQNVEVPETPKASKALEVSEDVKVSKASGVSKATEVS<br>KTPEAREAPATQASSTTQLTDTQVLAAENKSLAADTKKQNADPQAVTMPATETKKVSHVADTKVNTKAQE<br>TEAAPSQAPADEPEPESAAAQSQENQDTRPKVKAKKARKVKHLDGEEDGSSDQSQASGTTGGRRVSKALM<br>ASMARRASRGPIAFWARRASRTRLAAWARRALLSLRSPKARRGKARRRAAKLQSSQEPEAPPPRDVALLQ<br>GRANDLVKYLLAKDQTKIPIKRSDMLKDIIKEYTDVYPEIIERAGYSLEKVFGIQLKEIDKNDHLYILLS<br>TLEPTDAGILGTTKDSPKLGLLMVLLSIIFMNGNRSSEAVIWEVLRKLGLRPGIHHSLFGDVKKLITDEF<br>VKQKYLDYARVPNSNPPEYEFFWGLRSYYETSKMKVLKFACKVQKKDPKEWAAQYREAMEADLKAAAEAA<br>AEAKARAEIRARMGIGLGSENAAGPCNWDEADIGPWAKARIQAGAEAKAKAQESGSASTGASTSTNNSAS<br>ASASTSGGFSAGASLTATLTFGLFAGLGGAGASTSGSSGACGFSYK<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Predicted MW:** | 64.8 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| **Preparation:** | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |

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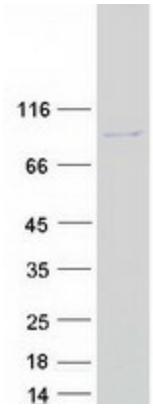
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_055414 |
| **Locus ID:** | 10916 |
| **UniProt ID:** | Q9UNF1 |
| **RefSeq Size:** | 2108 |
| **Cytogenetics:** | Xp11.21 |
| **RefSeq ORF:** | 1818 |
| **Synonyms:** | 11B6; BARTS5; BCG-1; BCG1; HCA10; MAGE-D2 |
| **Summary:** | This gene is a member of the MAGED gene family. The MAGED genes are clustered on chromosome Xp11. This gene is located in Xp11.2, a hot spot for X-linked intellectual disability (XLID). Mutations in this gene cause a form of transient antenatal Bartter's syndrome. This gene may also be involved in several types of cancer, including breast cancer and melanoma. The protein encoded by this gene is progressively recruited from the cytoplasm to the nucleoplasm during the interphase and after nucleolar stress and is thus thought to play a role in cell cycle regulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017] |

## Product images:




Coomassie blue staining of purified MAGED2 protein (Cat# TP301748). The protein was produced from HEK293T cells transfected with MAGED2 cDNA clone (Cat# [RC201748]) using MegaTran 2.0 (Cat# [TT210002]).