

Recombinant Human MAGED2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAGED2-6501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAGED2 MS Standard C13 and N15-labeled recombinant protein (NP_957516) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	65 kDa
AA Sequence	MSDTSESGAGLTRFQAEASEKDSSSMQTLTQNVETPKASKALEVSEDVK VSKASGVSKATEVSKTPEAREAPATQASSTTQLTDTQVLAENKSLAADTKKQNAD PQAVTMPATETKKVSHVADTKVNTKAQETEAAPSQAPADEPEPESAAAQSQENQD TRPKVKAKKARKVKHLDGEEDGSSDQSQASGTTGGRRVSKALMASMARRASRGPI AFWARRASRTRLAAWARRALLSLRSPKARRGKARRRAAKLQSSQEPEAPPPRDVA

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LLQGRANDLVKYLLAKDQTKIPIKRSMDLKDIIKEYTDVYPEIIRAGYSLEKVFGIQLK
EIDKNDHLYILLSTLEPTDAGILGTTKDSPKLGLLMVLLSIIFMNGNRSSEAVIWEVLRK
LGLRPGIHHSFLFGDVKKLITDEFVKQKYLDYARVPNSNPPEYEFFWGLRSYYETSKM
KVLKFACKVQKKDPKEWAAQYREAMEADLKAAAEAAAEAKARAEIRARMGIGLGSE
NAAGPCNWDEADIGPWAKARIQAGAEAKAKAQESGASTGASTSTNNSASASAST
SGGFSAGASLTATLTFLFAGLGGAGASTSGSSGACGFSYKTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name **MAGED2** **MAGE family member D2 [Homo sapiens (human)]**

Official Symbol **MAGED2**

Synonyms MAGED2; melanoma antigen family D, 2; melanoma-associated antigen D2; 11B6; BCG1; breast cancer associated gene 1; HCA10; hepatocellular carcinoma associated protein; hepatocellular carcinoma associated protein HCA10; JCL 1; MAGE D2; MAGED; melanoma associated antigen D2; MGC8386; BCG-1; MAGE-D2 antigen; breast cancer-associated gene 1 protein; hepatocellular carcinoma-associated protein HCA10; hepatocellular carcinoma-associated protein JCL-1; JCL-

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1; MAGE-D2;

Gene ID 10916

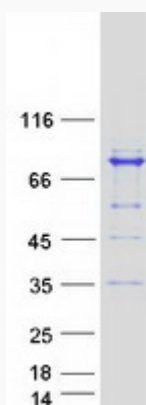
mRNA Refseq NM_201222

Protein Refseq NP_957516

MIM 300470

UniProt ID Q9UNF1

SDS-PAGE



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