

Recombinant Human MAGEC2 protein, His-tagged

Cat. No. MAGEC2-111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEC2 protein(111-367 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	111-367 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	SFSEESSSQKGEDTGTCQGLPDSESSFTYTLDEKVAELVEFLLKYEAEPPVTEAEM LMIVIKYKDYFPVILKRAREFMELLFGLALIEVGPDHFCVFANTVGLTDEGSDDDEGMP ENSLIIILSVIFIKGNCASEEVIWEVLNAVGVYAGREHFVYGEPRELLTKVWVQGHYL EYREVPFHSSPPYYEFLWGPRAHSESIKKKVLEFLAKLNNTVPSSFPSWYKDALKDVE ERVQATIDTADDATVMASESLVMSS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [MAGEC2 melanoma antigen family C, 2 \[Homo sapiens \]](#)

Official Symbol [MAGEC2](#)

Synonyms MAGEC2; melanoma antigen family C, 2; MAGEE1, melanoma antigen, family E, 1, cancer/testis specific; melanoma-associated antigen C2; cancer/testis antigen 10; CT10; MAGE C2; MAGE-C2 antigen; MAGE-E1 antigen; hepatocellular cancer antigen 587; hepatocellular carcinoma-associated antigen 587; melanoma antigen, family E, 1, cancer/testis specific; HCA587; MAGEE1; MGC13377;

Gene ID [51438](#)

mRNA Refseq [NM_016249](#)

Protein Refseq [NP_057333](#)

MIM [300468](#)

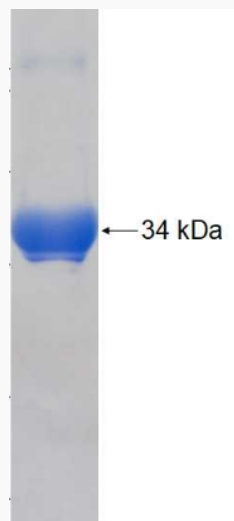
UniProt ID [Q9UBF1](#)

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SDS-PAGE



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