

Recombinant Human MAGEA2 protein, His&Myc-tagged

Cat. No. MAGEA2-6433H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA2 protein(P43356)(1-314aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-314a.a.
Tag	His&Myc
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MPLEQRSQHCKPEEGLEARGEALGLVGAQAPATEEQQTASSSSTLVEVTLGEVPAA
 DSPSPPHSPQGASSFSTTINYTLWRQSDGSSNQEEEGPRMFPDLESEFQAAISRK
 MVELVHFLLLKYRAREPVTKAEMLESVLRNCQDFFPVIFSKASEYLQLVFGIEVVEVV
 PISHLYILVTCLGLSYDGLLDGNQVMPKTGLLIIVLAIIAIEGDCAPEEKIWEELSMLEVF
 EGREDVSFAHPRKLLMQDLVQENYLEYRQVPGSDPACYEFLWGPRALIETSYVKVL
 HHTLKIGGEPHISYPPLHERALREGEE

GENE INFORMATION

Gene Name [MAGEA2 melanoma antigen family A, 2 \[Homo sapiens \]](#)

Official Symbol [MAGEA2](#)

Synonyms MAGEA2; melanoma antigen family A, 2; MAGE2; melanoma-associated antigen 2; cancer/testis antigen family 1; member 2; CT1.2; MAGEA2A; MAGE-2 antigen; melanoma antigen 2; cancer/testis antigen 1.2; cancer/testis antigen family 1, member 2; MAGEA2B; MGC131923;

Gene ID [4101](#)

mRNA Refseq [NM_005361](#)

Protein Refseq [NP_005352](#)

MIM [300173](#)

UniProt ID [P43356](#)

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