

Product datasheet for **TP302134L**

MAGE 1 (MAGEA1) (NM_004988) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens melanoma antigen family A, 1 (directs expression of antigen MZ2-E) (MAGEA1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202134 protein sequence
Red=Cloning site **Green**=Tags(s)

MSLEQRSLHCKPEEALAQQEALGLVCVQAAASSSSPLVLGTLLEEVPTAGSTDPPQSPQGASAFPTTINF
TRQRQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLLKLRAREPVTKAEMLESVIKNYKHCF
PEIFGKASESLQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLLDGNQIMPKTGFLIIVLMIAMEGGHAP
EEEIWEELSVMEVYDGREHSAYGEPKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGPRALAETSYVKVL
EYVIKVSARVRFFPSLREAAALREEEEGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.2 kDa

Concentration: >0.1 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.

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_004979](#)

Locus ID: 4100



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UniProt ID: [P43355](#)

RefSeq Size: 1755

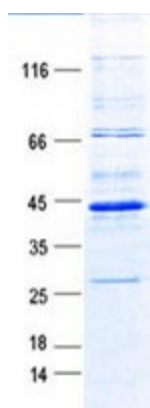
Cytogenetics: Xq28

RefSeq ORF: 927

Synonyms: CT1.1; MAGE1

Summary: This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified MAGEA1 protein (Cat# [TP302134]). The protein was produced from HEK293T cells transfected with MAGEA1 cDNA clone (Cat# [RC202134]) using MegaTran 2.0 (Cat# [TT210002]).