

MAGEA4, 1-317aa, Human, His tag, E.coli

Cat.NO.: TP02881

3th Edition

Synonyms:Melanoma-associated antigen 4, CT1.4, MAGE4

Description:MAGEA4 is a member of the MAGEA family, which directs the expression of tumor antigens that are recognized on a human melanoma by autologous cytolytic T lymphocytes (CTL). The function of MAGEA4 is not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression.

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 20% Glycerol

Molecular Weight:37 kDa(337aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSSEQKSQHCKPEEGVEAQEEALGLVGAQAPTTEEQEAAVSSSSPLVPGTLEEV
PAAESAGPPQSPQGASALPTTISFTCWRQPNEGSSSQEEEGPSTSPDAESLFREALSNKVDELAHFLLRKYRAKEL
VTKAEMLERVIKNYKRCFPVIFGKASESLKMIFGIDVKEVDPTSNTYTLVTCLGLSYDGLLGNNQIFPKTGLLIIVLGTIA
MEGDSASEEEIWEELGVMGVYDGREHTVYGEPRKLLTQDWVQENYLEYRQVPGSNPARYEFLWGPRALAETSYV
KVLEHVVRVNARVRIAYPSLREAALLEEEEGV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.