

MAGEA6, 1-314aa, Human, His tag, E.coli

Cat.NO.: TP02883

3th Edition

Synonyms:Melanoma-associated antigen 6, CT1.6, MAGE-3b, MAGE3B, MAGE6.

Description:MAGEA6 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 MAGE genes were initially isolated from different kinds of tumors, and based on their virtually exclusive tumor-specific expression in adult tissues, they have been used as targets for cancer immunotherapy.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:35.9 kDa (322aa), confirmed by MALDI-TOF

Sequences:

MPLEQRSQHCKPEEGLEARGEALGLVGAQAPATEEQEAASSSSTLVEVTLGEVPAAESPDPPQSPQGASSLPTTM
NYPLWSQSYEDSSNQEEEGPSTFPDLESEFQAALSRKVAKLVHFLLKVRAREPVTKAEMLGSVVGNWQYFFPVIF
SKASDSLQLVFGIELMEVDPIGHVYIFATCLGLSYDGLLDNQIMPKTGFLIILAIIAKEGDCAPEEKIWEELSVLEVFE
GREDSIFGDPKLLTQYFVQENYLEYRQVPGSDPACYEFLWGPRALIETSYVKVLHMHMVKISGGPRISYPLLHEWAL
REGEELEHHHHHH

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.