

**MAGEA8, 1-318aa, Human, His tag, E.coli**

**Cat.NO.: TP02884**

3th Edition

**Synonyms:**Melanoma-associated antigen 8, CT1.8, MAGE8

**Description:**MAGEA8 also known as Melanoma-associated antigen 8 is a member of the MAGE gene family, which comprises 12 known genes, of which 6 are expressed in tumors. 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. Recombinant human MAGEA8, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

**Form:**Liquid. In Phosphate Buffered Saline containing 10% glycerol, 1mM DTT

**Molecular Weight:**37.6kDa (341aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMMLLGQKSQRYKAEGLQAQGEAPGLMDVQIPTAEEQKAASSSSTLIMGTLE  
EVTDSGSPSPPPQSPEGASSSLTVTDSTLWSQSDEGSSSNEEEGPSTSPDPAHLES LFREALDEKVAELVRFLLRKY  
QIKEPVTKAEMLESVIKKNYKNHFPDIFSKASECMQVIFGIDVKEVDPAGHSYILVTCLGLSYDGLLGDDQSTPKTGLLII  
VLGMILMEGSRAPEEAIWEALSVMGLYDGREHSVYWKLRKLLTQEWVQENYLEYRQAPGSDPVRYEFLWGPRL  
AETSYVKVLEHVVRVNRVRISYPSLHEEALGEEKGV

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/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.