

**MAGEA3, 1-314aa, Human, His tag, E.coli**

**Cat.NO.: TP02880**

3th Edition

**Synonyms:**Melanoma-associated antigen 3, CT1.3, HIP8, HYPD, MAGE3, MZ2 D

**Description:**Melanoma-associated antigen 3, also known MAGEA3, 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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 100mM NaCl

**Molecular Weight:**37.1 kDa (337aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMPLQRSQHCKPEEGLEARGEALGLVGAQAPATEEQEAASSSSTLVEVTLG  
EVPAAESPDPQSPQGASSLPTTMNYPLWSQSYEDSSNQEEEGPSTFPDLESEFQAALSRKVAELVHFLLKRYA  
REPVTKAEMLGSVVGNWQYFFPVIFSKASSSLQLVFGIELMEVDPIGHLYIFATCLGLSYDGLLDNQIMPKAGLLIIV  
LAIAREGDCAPEEKIWEELSVLEVFEGREDSILGDPKLLTQHFVQENYLEYRQVPGSDPACYEFLWGPRLVETS  
YVKVLHMHMVKISGGPHISYPPLHEWVLRGEE

**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.