

**MAGED1, 504-760aa, Human, His tag, E.coli**

**Cat.NO.: TP02886**

3th Edition

**Synonyms:**Melanoma-associated antigen D1 isoform a, DLXIN-1, NRAGE

**Description:**MAGED1, as known as Melanoma-associated antigen D1, is expressed in almost all normal adult tissues. It has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. It has been involved in Prader-Willi syndrome, which includes hyperphagia, repetitive and compulsive behaviors, and cognitive impairment. Recombinant human MAGED1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

**Molecular Weight:**31.7kDa (280aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSLRPSPNSRASQNPAAQPRDVALLQERANKLVKYLMLKDYTKVPIKRSEML  
RDIIREYTDVYPEIIRACFVLEKKFGIQLKEIDKEEHLYILISTPESLAGILGTTKDTPKLGLLLVILGVIFMNGNRASEAV  
LWEALRKMGLRPGVRHPLLGDRLKLLTYEFVKQKYLDRYRRVPNSNPPEYEFWLGLRSYHETSKMKVLRFAIEVQK  
RDPRDWTAQFMEEADEALDALDAAAEEAEARAEARTRMGIGDEAVSGP

**Purity:**> 95% by HPLC

**Concentration:**0.25 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.