

32-4161: Recombinant Human Melanoma Antigen Family D, 1

Alternative Name : MAGED1, Melanoma Antigen Family D 1, Neurotrophin Receptor-Interacting, MAGE Homolog, NRAGE, MAGE Tumor Antigen CCF, MAGE-D1 Antigen, DLXIN-1, Melanoma-Associated Antigen D1.

Description

Source : E.coli. MAGED1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (504-760 a.a) and having a molecular mass of 31.7kDa. MAGED1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Melanoma-associated antigen D1 (MAGED1) belongs to the melanoma antigen gene (MAGE) family and expressed in virtually all normal adult tissues. MAGED1 is involved in the p75 neurotrophin receptor mediated programmed cell death pathway. MAGED1 is involved in Prader-Willi syndrome including hyperphagia, repetitive and compulsive behaviors, and cognitive impairment. MAGED1 is involved in the apoptotic response following NGF (nerve growth factor) binding in neuronal cells. MAGED1 hinders cell cycle progression, and facilitates NGFR-mediated apoptosis. MAGED1 functions as a regulator of the function of DLX family members. MAGED1 has a role in the circadian rhythm regulation.

Product Info

Amount : 5 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : MAGED1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSLRSPNS RASQNPAAQ PRDVALLQER ANKLVKYLML KDYTKVPIKR SEMLRDIIRE YTDVYPEIIE RACFVLEKCF GIQLKEIDKE EHLYLITP ESLAGILGTT KDTPKLGILL VILGVIFMNG NRASEAVLWE ALRKMGLRPG VRHPLLGLDR KLLTYEFVKQ KYLDYRRVFN SNPPEYFLW GLRSYHETSK MKVLRFAEV QKRDPDRTWA QFMEEADEAL DALDAAAAEA EARAEARTRM GIGDEAVSGP.