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MAGED1 Human

Melanoma Antigen Family D, 1 Human Recombinant
RCP1307

Product Overview

Name	MAGED1 Human
Description	
Melanoma Antigen Family D, 1 Human Recombinant	
Accession (Primary)	Q9Y5V3
Synonyms	
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.	
Introduction	
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 rythm regulation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
MAGED1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LRPSPNS RASQNPGAAQ PRDVALLQER ANKLVKYLML KDYTKVPIKR	

SEMLRDIIRE YTDVYPEIIE RACFVLEKKF GIQLKEIDKE EHLYILISTP ESLAGILGTT KDTPKLGLLL VILGVIFMNG NRASEAVLWE ALRKMGLRPG VRHPLLGDLR KLLTYEFVKQ KYLDYRRVPN SNPPEYEFLW GLRSYHETSK MKVLRFIAEV QKRDPRDWTA QFMEAADEAL DALDAAAAEA EARAEARTRM GIGDEAVSGP.

Precautions

MAGED1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y5V3)