# Recombinant MAP Kinase Activating Death Domain Protein (MADD)(N-6His)

*Catalog#:PEH22907*

## 概述（Summary）

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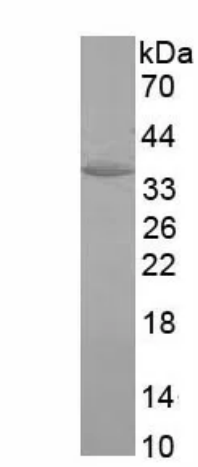
| **别称（Alternative Names）** | DENN; IG20; RAB3GEP; Differentially expressed in normal and neoplastic cells; Insulinoma glucagonoma clone 20; Rab3 GDP/GTP exchange factor |
| **纯度（Purity）** | Greater than 90% as determined by reducing SDS-PAGE. |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | 6His-【Asn1388-Ser1647】 |
| **Accession #** | Q8WXG6 |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Homo sapiens (Human) |
| **预测分子量（Predicted MW）** | 33.6 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |
| **背景介绍（References）** | Guanyl-nucleotide exchange factor that regulates small GTPases of the Rab family. Converts GDP-bound inactive form of RAB27A and RAB27B to the GTP-bound active forms. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms, GTPases involved in synaptic vesicle exocytosis and vesicle secretion. Plays a role in synaptic vesicle formation and in vesicle trafficking at the neuromuscular junction. Involved in upregulating a post-docking step of synaptic exocytosis in central synapses. Probably by binding to the motor proteins KIF1B and KIF1A, mediates motor-dependent transport of |

GTP-RAB3A-positive vesicles to the presynaptic nerve terminals. Plays a role in TNFA-mediated activation of the MAPK pathway, including ERK1/2. May link TNFRSF1A with MAP kinase activation. May be involved in the regulation of TNFA-induced apoptosis.

## 电泳图（SDS-PAGE image）




Greater than 90% as determined by reducing SDS-PAGE.

## 注意事项（Note）

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