

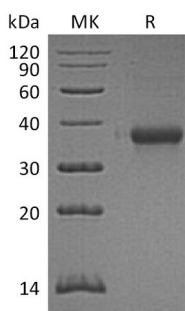
Product Name: Recombinant Mouse IMPA3 (N-6His)
Catalog #: PHM0953



概述 (Summary)

英文全称	Inositol Monophosphatase 3/IMPAD1/IMP3/IMPA3
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Inositol Monophosphatase 3 is produced by our Mammalian expression system and the target gene encoding Glu51-His356 is expressed with a 6His tag at the N-terminus.
Accession #	Q80V26
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	34.3 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

Product Name: Recombinant Mouse IMPA3 (N-6His)
Catalog #: PHM0953



分子别名 (Alternative Names)

Inositol monophosphatase 3; Impad1

背景介绍 (References)

IMPAD1 protein (IMPA3, gPAPP or IMPase 3) belongs to the inositol monophosphatase family. It is found in Purkinje cells, brain stem, lung and chondrocytes. Mouse IMPAD1 gene encodes a type II transmembrane Golgi-embedded glycoprotein with 356 amino acid residues which generates a 306 amino acid residues mature protein after processing. It is expressed in embryo, and in theory may catalyze myo-inositol monophosphate to myo-inositol. Free myo-inositol is used to generate inositol phospholipid, an essential component of intracellular signaling pathways that mobilize calcium. Mouse IMPAD1 exhibits 91% sequence identity with the human homologue.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.