

Recombinant Mouse IMPAD1 Protein

Catalog #	Source	Reactivity	Applications
CRP3009	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse IMPAD1 Protein is produced by mammalian expression system and the target gene encoding Glu51-His356 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH8.0.		
Gene Symbol	IMPAD1		
Alternative Names	IMP3; Inositol monophosphatase 3; IMPase 3; Golgi 3-prime phosphoadenosine 5-prime phosphate 3-prime phosphatase; Golgi-resident PAP phosphatase; gPAPP; Inositol monophosphatase domain-containing protein 1; Inositol-1(or 4)-monophosphatase 3; Myo-inositol monophosphatase A3		
Entrez Gene	242291 (Mouse)		
SwissProt	Q80V26 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>HHHHHHEVAS DGGTVDLREM LAVAVLAAER GGDEVRRVRE SNVLHEKSKG</p> <p>KTREGADDKM TSGDVLSNRK MFYLLKTAFP NVQINTEEHV DASDKEVIVW NRKIPEDILK</p> <p>EIAAPKEVPA ESVTVWIDPL DATQEYTEDL RKYVTTMVCV AVNGKPV LGV IHKPFSEYTA</p> <p>WAMVDGGSNV KARSSYNEKT PKIIVSRSHA GMVKQVALQT FGNQTSIIPA GGAGYKVLAL</p> <p>LDVPDMTQEK ADLYIHVTYI KKWDICAGNA ILKALGGHMT TLNGEEISYT GSDGIEGGLL</p> <p>ASIRMNHQAL VRKLPDLEKS GH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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