

Product Data Sheet

Recombinant Mouse IMPAD1 Protein

Catalog #	Source	Reactivity	Applications
CRP3009	Human cells	M	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	IMPA3; Inositol monophosphatase 3; IMP 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-		
Entrez Gene	242291 (Mouse)		
SwissProt	Q80V26 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	HHHHHHEVAS DGGTVDLREM LAVAVLAAER GGDEVRRVRE SNVLHEKSKG KTREGADDKM TSGDVLSNRK MFYLLKTAFP NVQINTEEHV DASDKEVIVW NRKIPEDILK EIAAPKEVPA ESVTVWIDPL DATQEYTEDL RKYVTTMVCV AVNGKPVLGV IHKPFSEYTA WAMVDGGSNV KARSSYNEKT PKIIVSRSHA GMVKQVALQT FGNQTSIIPA GGAGYKVLAL LDVPDMTQEK ADLYIHVTYI KKWDICAGNA ILKALGGHMT TLNGEEISYT GSDGIEGGLL ASIRMNHQAL VRKLPDLEKS GH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
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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recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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