

Inositol Monophosphatase Domain Containing 1 Mouse Recombinant

Item Number	rAP-3486
Synonyms	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
Description	IMPAD1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 332 amino acids (34-356a.a.) and having a molecular mass of 36.2kDa. (Molecular size on SDS-PAGE will appear
Uniprot Accession Number	Q80V26
Amino Acid Sequence	ADPGRFSLFG LGSEPAAGEA EVASDGGTVD LREMLAVAVL AAERGGDEV RRVRESNLHE KSKGKTREGA DDKMTSGDVL SNRK- MFYLLK TAFPNVQINT EEHVDASDKE VIVWNRKIPE DILKEIAAPK EVPAESVTW IDPLDATQEY TEDLRKYVTT MVCVAVNGKP VLGVHKKPFS
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	IMPAD1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity is > 5,000 pmol/min/ug and is defined as the amount of enzyme that hydrolyze Adenosine 3, 5-diphosphate per minute at pH 7.5 at 25C.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**