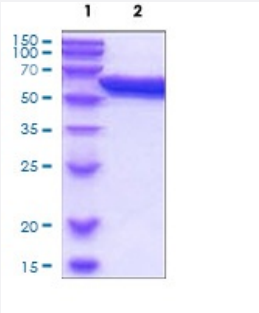
Bioactive

Pdia3 (Mouse) Recombinant Protein

Catalog # P8022 Size 50 ug

Applications



Specification

Product Description	Mouse Pdia3 (P27773, 25 a.a. - 505 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	SDVLELTDENFESRVSDTGSAGLMLVEFFAPWCGHCKRLAPEYEAAATRLKGIVPLAKVDCTAN TNTCNKYGVSGYPTLKIFRDGEEAGAYDGPRTADGIVSHLKKQAGPASVPLRTEEEFKKFISDKDA SVVGFFRDLFSDGHSEFLKAASNLRDNYRFAHTNIESLVKEYDDNGEGITIFRPLHLANKFEDKTV AYTEKKMTSGKIKKFIQDSIFGLCPHMTEDNKDLIQGKDLLTAYYDVDYEKNAKGSNYWRNRVMMV AKKFLDAGHKLNFAVASRKTFSHELSDFGLESTTGEVPVVAIRTAKGEKFVMQEEFSRDGKALE QFLQEYFDGNLKRYLKSEPIPESNEGPVKVVVAENFDDIVNEEDKDVLIEFYAPWCGHCKNLEPK YKELGEKLSKDPNIVIAKMDATANDVPSPYEVKGFPTIYFSPANKKLTPKKYEGGRELNDFISYLQR EATNPPIIQEEKPKKKKKAQEDL
Host	Escherichia coli
Theoretical MW (kDa)	56.8
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)

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Activity	Specific activity is > 10 A650/cm/min/mg,obtained by measuring the increase of insulin precipitation in absorbance at 650 nm resulting from the reduction of insulin.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (10% glycerol, 0.1 M NaCl, 1 mM DTT)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Pdia3

Entrez GeneID	14827
Protein Accession#	P27773
Gene Name	Pdia3
Gene Alias	58kDa, ERp57, ERp60, ERp61, Erp, Grp58, PDI, PDI-Q2, PI-PLC, PLC[a], Plca
Gene Description	protein disulfide isomerase associated 3
Gene Ontology	Hyperlink
Gene Summary	58 kDa|phospholipase C
Other Designations	OTTMUSP00000016318|endoplasmic reticulum protein|glucose regulated protein, 58 kDa|phospholipase C, alpha|protein disulfide-isomerase A3

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