

Recombinant Mouse Protein disulfide-isomerase A2(Pdia2)

Catalog No: #AP70625

Package Size: #AP70625-1 20ug #AP70625-2 100ug #AP70625-3 1mg

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Description

Product Name	Recombinant Mouse Protein disulfide-isomerase A2(Pdia2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-527aaSequence Info:Full Length
Accession No.	D3Z6P0
Calculated MW	72.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	QGEPEGGPSEVLPEEPTGEEVPKEDGILVLNHRTLALQEHSLMVEFYAPWCGHCKELAPEYSKAAALLAA ESAVVTLAKVDGPAEPELTKEFEVVGYPYTLKFFQNGNRTNPEEYAGPKTAEGIAEWLRRRVGPSATHLEDEE GVQALMAKWDMMVIGFFQDLQKGDMATFLALAKDALDMTFGFTDQQLFEKFGTLKDTVVLFFKKFDEGRADF PVDKETGLDLGDLRFLVIHSMHLVTEFNSQTSPIFAAKILNHLFLVNQTLAQHRELLTDFREAAPPFRGQVL FVMVDVAADNSHVLNLYFGLKAEAEPTLRLINVEETKKYAPTGVIAITAASVAAFCAVLHGEIKHYLLSQEIPPD WDQGPVKTLVSKNFEQVAFDETKNVFVKFYAPWCSHCKEMAPAWELAKEYKDREDIVIAELDATANELEAF SVLGYPTLKKFFPAGPDRKVIDYKSTRDLETFSKFLDSGGHLPKEEPKEPAASAPEAQANSTLGPKEEL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Acts as an intracellular estrogen-binding protein. May be involved in modulating cellular levels and biological functions of estrogens in the pancreas.
May act as a chaperone that inhibits aggregation of misfolded proteins .

References

Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamouisis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.