

Recombinant mouse Protein disulfide-isomerase A2

Catalog No: #AP72716



Package Size: #AP72716-1 20ug #AP72716-2 100ug #AP72716-3 1mg

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Description

Product Name	Recombinant mouse Protein disulfide-isomerase A2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-527aaSequence Info:Full Length
Other Names	PDip
Accession No.	D3Z6P0
Uniprot	D3Z6P0
GenID	69191;
Calculated MW	58.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>QGEEPPGGPSEVLPEEPTGEEVPKEDGILVLNHRTLSSLALQEHSA LMVEFYAPWCGHCKELAPEYSKAAALLAA ESAVVTLAKVDGPAEPELTKEFEVVGYP TLKFFQNGNRTNPEEYAGPKTAEGIAEWLRRRVGSPATHLEDEE GVQALMAKWDMMVIGFFQDLQ GKDMATFLALAKDALDMTFGFTDQPQLFEKFG LTKD TVLVFKKFDEGRADF PVDKETGLDLGDL SRFLVIHSMHLVTEFNSQ TSPKIFA AKILNHLLLFVNQTLAQHRELLTDFRE AAPPFRGQVL FVMVDVAADNSHVLN YFGLKAE EAPTRLRLIN VETTKKYAPTGVIAIT AASVA AFCQAVLHGEIKHYLLS QEIPPD WDQGPVKTLVSKNFEQVAFDETKNVFVKFYAPWCSHCKEMAPAWEA LAEKYKDREDIVIAELDATANELEAF SVLGYPTL KFFPAGPDRKVIDYKSTRDLETFSKFLD SGGHLPKEEPKEPAASAPEAQANSTLGPKEEL</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

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., Potamouis 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