



Recombinant *Macaca fuscata fuscata* Protein disulfide-isomerase (P4HB)

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|--------------------------|---|
| Product Code | CSB-YP645331MMX |
| Abbreviation | P4HB |
| 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. |
| Uniprot No. | Q2HWU2 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Macaca fuscata fuscata</i> (Japanese macaque) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | D APEEEDHVLV LRKSNFAEAL AAHKYLLVEF YAPWCGHCKA LAPEYAKAAG KLKAEGSEIR LAKVDATEES DLAQQYGVRG YPTIKFFRNG DTASPKEYTA GREADDIVNW LKKRTGPAAT TLPDGAAAES LVESSEVAVI GFFKDVESDS AKQFLQAAEA IDDIPFGITS NSDVFSKYQL DKDGVVLFKK FDEGRNMFEG EVTKENLLDF IKYNQLPLVI EFTEQTAPKI FGGEIKTHIL LFLPKSVSDY DGKLSNFKTA AESFKGKILF IFIDSDHTDN QRILEFFGLK KEECPAVRLI TLEEEMTKYK PESDELTAER ITEFCHRFL E GKIKPHLMSQ ELPEDWDKQP VKVLVGKNFE EVAFDENKNV FVEFYAPWCG HCKQLAPIWD KLGETYKDHE NIVIAKMDST ANEVEAIKVH SFPTLKFFPA SVDRTVIDYN GERTLDGFKK FLESGGQDGA GDDDDLEDLE EAEEPDM EED DDQKAVKDEL |
| Source | Yeast |
| Target Names | P4HB |
| Protein Names | Recommended name: Protein disulfide-isomerase Short name= PDI EC= 5.3.4.1 Alternative name(s): Prolyl 4-hydroxylase subunit beta |
| Expression Region | 20-510 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | 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.