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P4HB, 20-509aa, Mouse, His tag, Insect cell

产品货号: TP03278

第三版

别名:P4HB, ERp59, PDI, Pdia1, Thbp

描述:P4HB, also known as protein disulfide-isomerase, prolyl 4-hydroxylase subunit beta, protocollagen hydroxylase, cellular thyroid hormone binding protein p55 and glutathione-insulin transhydrogenase, is an abundant multifunctional enzyme that belongs to the protein disulfide isomerase family. At the cell surface, it seems to act as a reductase that cleaves disulfide bonds of proteins attached to the cell. Recombinant mouse P4HB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:56.1kDa (498aa), 50-70KDa (SDS-PAGE under reducing conditions)

序列:

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DALEEEEDNVLVLKKS NFEEALAAHKYLLVEFYAPWCGHCKALAPEYAKAAAKLKAEGSEIRLAKVDATEESDLAQQYGV  
GYPTIKFFKNGDTASPKEYTAGREADDIVNWLKKRTGPAATTLSDTAAESLVDSEVTVIGFFKDVESDSAKQFLAAEAI  
DDIPFGITNSGVFSKYQLDKDGVVLFKKFDEGRN NFEGEITKEKLLDFIKHNQLPLVIEFTEQTAPKIFGGEIKTHILLFLPKS  
VSDYDGLSSFKRAAEGFKGKILFIFIDSDHTDNQRILEFFGLKKEECPAVRLITLEEEMTKYKPESDELTAEKITEFCHRFLEG  
KIKPHLMSQEVPEWDKQPVKVLVGANFEEVAFDEKKNVFVEFYAPWCGHCKQLAPIWDKLGETYKDHENIIIAKMDS  
TANEVEAVKVHSPFTLKFFPASADRTVIDYNGERTLDGFKKFLESGGQDGAGDDEDLDLEEALPDMEEEDDDQKAVKDE  
LLEHHHHHHH
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.