



## Prolyl 4-Hydroxylase Beta Mouse Recombinant

<b>Item Number</b>	rAP-1203
<b>Synonyms</b>	Protein disulfide-isomerase, PDI, Cellular thyroid hormone-binding protein, Endoplasmic reticulum resident protein 59, ER protein 59, ERp59, Prolyl 4-hydroxylase subunit beta, p55.
<b>Description</b>	P4HB produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 498 amino acids (20-509a.a.) and having a molecular mass of 56.1kDa.&nbsp;(Molecular size on SDS-PAGE will appear at
<b>Uniprot Accession Number</b>	P09103
<b>Amino Acid Sequence</b>	DALEEDNVL VLKKSNFEEA LAAHKYLLVE FYAPWCGHCK ALAPEYAKAA AKLKAEGSEI RLAKVDATEE SDLAQYGVV RGYPTIKFFKN GDTASPKEYT AGREADDIVN WLKVRT- GPAA TTLSDTAAAE SLVDSSEVTV IGFFKDVESD SAKQFLAAE AIDIPFGIT SNSGVFSKYQ  LDKDGVVLFK KFDEGRNFE GEITKEKLLD FIKHNQLPLV IEFTEQTAPK IFGGEIKTHI LLFLPKSVSD YDGLKSSFKR AAEGFKGKIL FIFIDSDHTD NQRILEFFGL KKEECPAVRL ITLEEEMTKY KPESDELTAE KITEFCHRFL EGKIKPHLMS QEVPEDWDKQ PVKVLVGFANF
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	P4HB protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**