

Recombinant Mouse P4hb protein, His & GST-tagged

Cat. No. P4hb-1450M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse P4hb aa. (Asp212~Arg463 (Accession # P09103)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp212~Arg463
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.8kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH ₂ O.
GENE INFORMATION	
Gene Name	P4hb prolyl 4-hydroxylase, beta polypeptide [<i>Mus musculus</i> (house mouse)]
Official Symbol	P4hb
Synonyms	PDI; Thbp; ERp59; Pdia1; ER protein 59; cellular thyroid hormone-binding protein; endoplasmic reticulum resident protein 59; p55; prolyl 4-hydroxylase subunit beta; protein disulfide-isomerase
Gene ID	18453
mRNA Refseq	NM_011032.2
Protein Refseq	NP_035162.1
UniProt ID	P09103