Recombinant Rat P4hb protein, His & GST-tagged

Cat. No. P4hb-1451R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat P4hb aa. (Asp269~Asp507 (Accession # P04785)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp269~Asp507
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.1kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.2.
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.

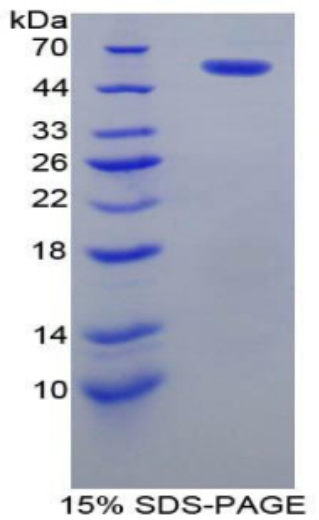
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	P4hb prolyl 4-hydroxylase subunit beta [Rattus norvegicus (Norway rat)]
Official Symbol	P4hb
Synonyms	PDI; PDIR; Protein disulfide isomerase (Prolyl 4-hydroxylase, beta polypeptide); cellular thyroid hormone-binding protein; prolyl 4-hydroxylase, beta polypeptide; protein disulfide-isomerase
Gene ID	25506
mRNA Refseq	NM_012998.2
Protein Refseq	NP_037130.2
UniProt ID	P04785

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SDS-PAGE	

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