

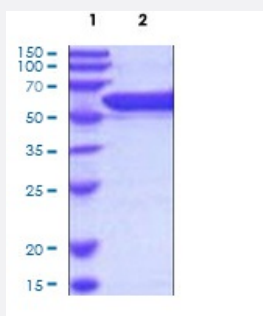
Bioactive

P4hb (Mouse) Recombinant Protein

Catalog # P7971

Size 250 ug

Applications



Specification

Product Description

Mouse P4hb (P09103, 20 a.a. - 509 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.

Sequence

DALEEEEDNVLVLKKS NFEEALAAHKYLLVEFYAPWCGHCKALAPEYAKAAAKLKAEGSEIRLAKV
DATEESDLAQQYGVIRGYPTIKFFKNGDTASPKEYTAGREADD MNWLKKRTGPAATTLSDTAAAE
SLVDSSEVTVIGFFKDVESDSAKQFLAAEAIDIPFGITSNSGVFSKYQLDKDGVVLFKKFDEGR
NNFEGEITKEKLLDFIKHNQLPLVIEFTEQTAPKIFGGEIKTHILLFLPKSVSDYDGLSSFKRAAEGF
KGKILFIFIDSDHTDNQRILEFFGLKKEECPAVRLITL EEMTKYPESDELTAEKITEFCHRFLEGKI
KPHLMSQEVPEWDKQPVKVLVGANFEEVAFDEKKNVFVEFYAPWCGHCKQLAPIWDKLGET
YKDHEINIIIAKMDSTANEVEAVKVHSFPTLKFFPASADRTVIDYNGERTLDGFKKFLES GGQDGAG
DDELDLEEALPDMEEDDDQKAVKDEL

Host

Viruses

Theoretical MW (kDa)

56.1

Form

Liquid

Preparation Method

Baculovirus expression system

Purity

> 95% by SDS-PAGE

Endotoxin Level

< 1 EU per 1 ug of protein (determined by LAL method)

Activity	Specific activity is > 120 A650/cm/min/mg, obtained by measuring the increase of insulin precipitation in absorbance at 650 nm resulting from the reduction of insulin.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — P4hb

Entrez GeneID	18453
Protein Accession#	P09103
Gene Name	P4hb
Gene Alias	ERp59, PDI, Thbp
Gene Description	prolyl 4-hydroxylase, beta polypeptide
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000004494 protein disulfide isomerase