

## Recombinant Human P4HB Protein

Catalog #	Source	Reactivity	Applications
CRP2049	E. coli	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human P4HB Protein is produced by our E. coli expression system and the target gene encoding Asp18-Lys505 is expressed with a 6His tag at the C-terminus.

**Form** Liquid in a 0.2 μM filtered solution of PBS, pH 7.4.

**Gene Symbol** P4HB

**Alternative Names** ERBA2L; PDI; PDIA1; PO4DB; Protein disulfide-isomerase; PDI; Cellular thyroid hormone-binding protein; Prolyl 4-hydroxylase subunit beta; p55

**Entrez Gene** 5034 (Human)

**SwissProt** P07237 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** DAPEEEDHVL VLRKSNFAEA LAAHKYLLVE FYAPWCGHCK ALAPEYAKAA GKLKAE GSEI RLAKVDATEE SDLAQQYGVR GYPTIKFFRN GDTASPKEYT AGREADDIVN WLKKRTGPAA TTLPDGAAAE SLVESSEVAV IGFFKDVESD SAKQFLQAAE AIDDIPFGIT SNSDVFSKYQ LDKDGVVLFK KFDEGRNNFE GEVTKENLLD FIKHNQLPLV IEFTEQTAPK IFGGEIKTHI LLFLPKSVSD YDGKLSNFKT AAESFKGKIL FIFIDSDHTD NQRILEFFGL KKEECPAVRL ITLEEEMTKY KPESEELTAE RITEFCHRFL EGKIKPHLMS QELPEDWDKQ PVKVLVGKNF EDVAFDEKKN VFVEFYAPWC GHCKQLAPIW DKLGETYKDH ENIVIAKMDS TANEVEAVKV HSFPTLKFFP ASADRTVIDY NGERTLDGFK KFLESGGQDG AGDDDDLEDL EEAEPPDMEE DDDQKAVKVD HHHHHH

**Quality Control** Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be

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**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

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