

Product Datasheet

Recombinant Human Protein Disulfide Isomerase/P4HB Protein NBP2-35195-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35195-100ug**Recombinant Human Protein Disulfide Isomerase/P4HB Protein**

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.0.
Target Molecular Weight	56.6 kDa

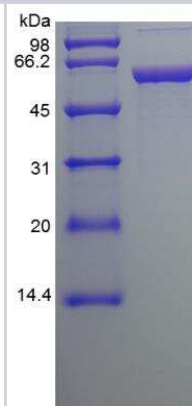
Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 502 amino acids (MRGSGSHHHHH-PDI) corresponding to Protein Disulfide Isomerase/P4HB</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MRGSGSHHHH HHAPEEEDHV LVLKSNFAE ALAAHKYLLV EFYAPWCGHC KALAPEYAKA AGKLKAEGSE IRLAKVDATE ESDLAQQYGV RGYPTIKFFR NGDTASPKEY TAGREADDIV NWLKKRTGPA ATTLPDGAAA ESLVESSEVA VIGFFKDVES DSAKQFLQAA EAIDDIPFGI TSNSDVFSKY QLDKDGVVLF KKFDEGRNNF EGEVTKENLL DFIKHNLPL VIEFTEQTAP KIFGGEIKTH ILLFLPKSVS DYDGKLSNFK TAAESFKGKI LFIFIDSDHT DNQRILEFFG LKKEECPAVR LITLEEEMTK YKPESEELTA ERITEFCHRF LEGKIKPHLM SQELPEDWDK QPVKVLVGKN FEDVAFDEKK NVFVEFYAPW CGHCKQLAPI WDKLGETYKD HENIVIAKMD STANEVEAVK VHSFPTLKFF PASADRTVID YNGERTLDGF KKFLESGGQD GAGDDDDLED LEEAEEPME EDDDQKAVKD EL</p>
Gene ID	5034
Gene Symbol	P4HB
Species	Human
Details of Functionality	Thiol Protein Reductase Activity is 0.001 change in 650nm/ min-2, determined by measuring the turbidity increase at 650 nm due to insulin reduction. The activity is expressed as the ratio of the slope of a linear part of the turbidity curve to the lag time. Isomerase Activity is 0.5 umol active RNase A min-1 umol PDIA2, according to the re-activation of reduced and denatured RNase A.
Endotoxin Note	Less than 1 EU/ug of Protein Disulfide Isomerase/P4HB as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



Images

SDS-Page: Recombinant Human Protein Disulfide Isomerase/P4HB
Protein [NBP2-35195] - Recombinant Human Protein Disulfide
Isomerase/P4HB protein





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Products Related to NBP2-35195-100ug

NBP1-84051PEP	Protein Disulfide Isomerase/P4HB Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NB300-517	Protein Disulfide Isomerase/P4HB Antibody (RL90)
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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