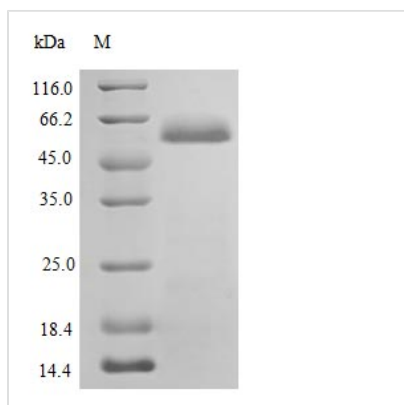




Recombinant Human Protein disulfide-isomerase protein (P4HB), partial (Active)

Product Code	CSB-AP000091HU
Abbreviation	Recombinant Human P4HB protein, partial (Active)
Uniprot No.	P07237
Storage Buffer	0.2 μm filtered PBS, pH 7.0 ,lyophilized
Product Type	Enzymes
Immunogen Species	Homo sapiens (Human)
Biological Activity	Thiol Protein Reductase Activity is 0.001 Δ650nm/ min-2, determined by measuring the turbidityincrease 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.
Purity	>95% as determined by SDS-PAGE.
Sequence	MRGSGSHHHHHH+ APEEEDHVLVLRKSNFAEALAAHKYLLVEFYAPWCGHCKALAPEYAKAAGKLIK AEGSEIRLAKVDATEESDLAQYGVIRGYPTIKFFRNGDTASPKKEYTAGREADD IVNWLKKRTGPAATTLPDGAAAESLVESSEVAVIGFFKDVESDSAKQFLQAAEA IDDIPFGITSNSDVFSKYQLDKDGVVLFKKFDEGRNNFEGEVTKENLLDFIKHN QLPLVIEFTEQTAPKIFGGEIKTHILLFLPKSVSDYDGKLSNFKTAAESFKGKILFI FIDSDHTDNQRILEFFGLKKEECPAVRLITLEEEMTKYKPESEELTAERITEFCH RFLEGKIKPHLMSQELPEDWDKQPVKVLVGKNFEDVAFDEKKNVFVEFYAPW CGHCKQLAPIWDKLGETYKDHENIVIAKMDSTANEVEAVKVHSFPTLKFPPASA DRTVIDYNGERTLDGFKKFLESGGQDGAGDDDDLEDLEEAEEDPDMEEDDDQK AVKDEL
Research Area	Signal Transduction
Source	E.Coli
Target Names	P4HB
Expression Region	19-508aa
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.6 kDa
Protein Length	Partial
PubMed ID	3034602; 3611107; 2846539; 14702039; 15489334; 1597478; 9150948; 12665801; 2079031; 1286669; 9399589; 3342239; 1699755; 10636893; 11181151; 12485997; 12095988; 12218051; 12218052; 12643545; 15158710; 14592831; 15644496; 17081065; 21269460; 24275569; 25683

Image


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.