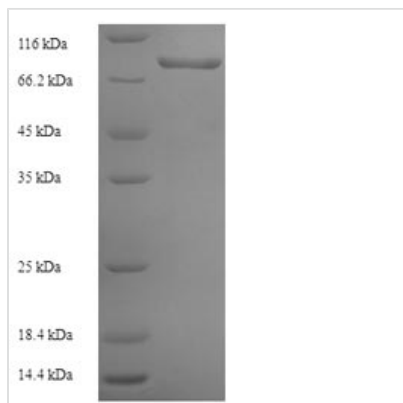




Recombinant Human Prolyl 4-hydroxylase subunit alpha-3 (P4HA3)

Product Code	CSB-EP772021HU
Relevance	Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly-sequences in collagens and other proteins.
Abbreviation	Recombinant Human P4HA3 protein
Storage	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.
Uniprot No.	Q7Z4N8
Alias	Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DPERRAAARGDTFSALTSVARALAPERLLGLLRRYLRGEEARLRDLTRFYDKV LSLHEDSTTPVANPLLAFTLIKRLQSDWRNVVHSLEASENIRALKDGYEKVEQD LPAFEDLEGAARALMRLQDVYMLNVKGLARGVFQRTGSAITDLYSPKRLFSL TGDDCFQVGKVAYDMGDYHAIPWLEEAVSLFRGSYGEWKTEDEASLEDALD HLAFAFYFRAGNVSCALSLSREFLLYSPDNKRMARNVLKYERLLAESPNHVVAE AVIQRPNIPHLQTRDYEGLCQTLGSQPTLYQIPSLYCSYETNSNAYLLLQPIRK EVIHLEPYIALYHDFVSDSEAQKIRELAEPWLQRSVVASGEKQLQVEYRISKSA WLKDTVDPKLVTLNHRIAALTGLDVRPPYAEYLQVVNYGIGGHYEPHFDHATS PSSPLYRMKSGNRVATFMIYLSSVEAGGATAFIYANLSVPVVRNAALFWWNHL RSGEGDSDTLHAGCPVLVGDKWVANKWIHEYGQEFRRPCSSSPED
Research Area	Signal Transduction
Source	E.coli
Target Names	P4HA3
Expression Region	20-544aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	75.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.