

For Research Use Only

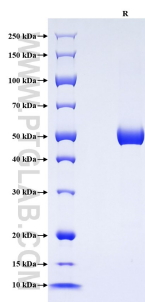
Recombinant Human CTHRC1 protein (rFc Tag)



Catalog Number: Eg2824

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human CTHRC1 protein Ser31-Lys243 (Accession# Q96CG8-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 115908</p> <p>Accession: Q96CG8-1</p> <p>Predicted Molecular Mass: 49.1 kDa</p> <p>SDS-PAGE: 46-55 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>CTHRC1 is a secreted glycoprotein that plays a pivotal role in extracellular matrix (ECM) deposition and wound repair. CTHRC1 is present in normal tissues and organs, and it has vital functions in physiological processes, including participating in the regulation of metabolism, arterial remodeling, bone formation and myelination of the peripheral nervous system. It has been reported that abnormal expression of CTHRC1 is involved in the carcinogenesis of various human organs, such as the breast, colon, pancreas, lung, stomach and liver.</p>		
References	<ol style="list-style-type: none">1.Meï D. et al. (2020) Mediators Inflamm. 2020:9578701.2.Myngbay A. et al. (2021) Int J Mol Sci. 22(5):2426.3.Liu YJ. et al. (2023) Oncol Lett. 25(6):266.4.Mukhatayev Z. et al. (2024) Cells. 13(11):946.		
Synonyms	CTHRC1, collagen triple helix repeat containing 1, Collagen triple helix repeat-containing protein 1, Protein NMTC1, UNQ762/PRO1550		

Selected Validation Data



Purity of Recombinant Human CTHRC1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.