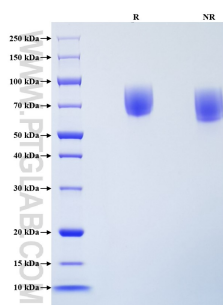


Recombinant Human MMP-8 protein (His Tag)

Catalog Number: Eg0378

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Human MMP-8 protein Phe21-Gly467 (Accession# P22894) with a His tag at the C-terminus. GeneID: 4317 Accession: P22894 Predicted Molecular Mass: 55.2 kDa SDS-PAGE: 60-90 kDa, reducing (R) conditions 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.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. <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. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	MMP-8(Matrix metalloproteinase-8) an enzyme that degrades fibrillar collagens imparting strength to the fetal membranes, is expressed by leukocytes and chorionic cytotrophoblast cells. The high-serum MMP-8 levels (>100 ng/mL) had poor cancer-specific survival. MMP8 also has prognosis in patients with gastric cancer.		
References	<ol style="list-style-type: none">1. Wang H. et al. (2004) Hum Mol Genet. 13(21):2659-69.2. Sirniö P. et al. (2018) Br J Cancer. 119(2):213-219.3. Laitinen A. et al. (2018) Tumour Biol. 40(9):1010428318799266.4. Decock J. et al. (2008) BMC Cancer. 8:77.5. Lauhio A. et al. (2011) Pharmacol Res. 64(6):590-4.		
Synonyms	MMP8, CLG1, EC:3.4.24.34, HNC, Matrix metalloproteinase 8		

Selected Validation Data



Purity of Recombinant Human MMP-8 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) 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

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