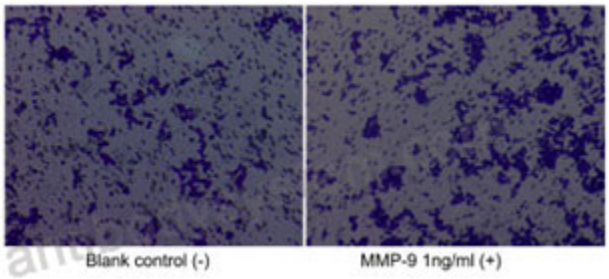
Recombinant Human MMP9 Protein, C-His (Active)

Summary

Catalog No.	AHD06801
Alternative Names	Matrix metalloproteinase-9, CLG4B, GELB, 92 kDa type IV collagenase, 92 kDa gelatinase, Gelatinase B, MMP9, MMP-9
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured in a cell migration assay using A549 cells. 1 ng/mL of recombinant human MMP9 (Cat #: AHD06801) can effectively induce A549 cells migration.2.Measured by its ability to cleave the fluorogenic peptide substrate Mca-PLGL-Dpa-ARNH2.The specific activity is >1100 pmoles/min/μg ;
Endotoxin level	<0.1 EU/μg of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	P14780
Protein length	Ala20-Asp707 (Q279R)
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

Species	Homo sapiens (Human)
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
Note	For research use only.

Data Image



Bioactivity

Measured in a cell migration assay using A549 cells. 1 ng/mL of recombinant human MMP9 (Cat #: AHD06801) can effectively induce A549 cells migration.2.Measured by its ability to cleave the fluorogenic peptide substrate Mca-PLGL-Dpa-ARNH2.The specific activity is >1100 pmoles/min/μg ;

SDS-PAGE

SDS-PAGE for Recombinant Human MMP9 protein