37-1353: Mouse MMP-8 / CLG1 Recombinant Protein(Discontinued)

Reactivity :   Mouse

Alternative Name : BB138268 Protein, Mouse

Description

Source : HEK293 Cells

Matrix metalloproteinases (MMPs) are a family of zinc-dependent endopeptidases that degrade components of the extracellular matrix (ECM) and play essential roles in various physiological processes such as morphogenesis, differentiation, angiogenesis and tissue remodeling, as well as pathological processes including inflammation, arthritis, cardiovascular diseases, pulmonary diseases and tumor invasion. Neutrophil collagenase, also known as Matrix metalloproteinase-8, MMP-8, and CLG1, is a member of the peptidase M1A family. MMP-8 may affect the metastatic behaviour of breast cancer cells through protection against lymph node metastasis, underlining the importance of anti-target identification in drug development. MMP-8 in the tumour may have a protective effect against lymph node metastasis. MMP-8 may affect the metastatic behaviour of breast cancer cells through protection against lymph node metastasis, underlining the importance of anti-target identification in drug development. MMP-8 participates in wound repair by contributing to the resolution of inflammation and open the possibility to develop new strategies for treating wound healing defects.

Product Info

Amount :	8 / CLG1 Recombinant Protein(Discontinued) / 20 µg
Purification :	> 85 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Phe21-Ser465

Application Note

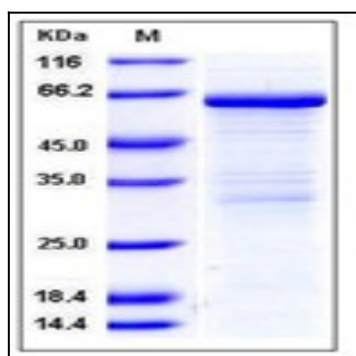Endotoxin :< 1.0 EU per µg of the protein as determined by the LAL method

Fig 1: Mouse MMP-8 / CLG1 Recombinant Protein

For Research Use Only. Not for use in diagnostic/therapeutics procedures.