

Recombinant Human MMP-8

Catalog # 5001

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Latent, full-length recombinant human neutrophil pro-collagenase (MMP-8). 100 units/ml after activation with APMA by solution assay method. One unit of collagenolytic activity is defined as the cleavage of 1 mg of collagen per minute by the solution method (1,2). Please see Chondrex, Inc.'s collagenase assay protocol for more information.
APPLICATION:	Use as a reference for analyzing mammalian collagenase activity
QUANTITY:	0.1 ml, 10 units
FORM:	Solution, in 0.05M Tris-HCl buffer, pH 7.6, containing 0.2M NaCl, 5 mM CaCl ₂ , 0.1% BSA, and 0.0025% NaN ₃
SOURCE:	Human
MOLECULAR WEIGHT:	75 kDa
PURITY:	Purified by ion-exchange and hydrophobic column chromatography
STORAGE:	-80°C (Do not repeat freeze and thaw cycles)
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	

1. K. Terato, *et al. Biochem. Biophys. Acta* **445**: 753-762 (1976)
2. T. Ishikawa, M. Nimni, *Analy. Biochem.* **92**: 136-143 (1979)