

## Recombinant Human MMP-13

Catalog # 5002

*For Research Use Only - Not Human or Therapeutic Use*

DESCRIPTION:	Active form of recombinant human pro-collagenase (MMP-13) truncated from the C-terminal. Activity determined by cleavage of fluorogenic peptide (1). 50 ng of MMP-13 will digest 75-80% (1.5-1.6 nmole) of fluorogenic peptide substrate (0.1 ml of 20 $\mu$ M solution) at 35°C for 30 minutes.
APPLICATION:	Use as a reference for assaying MMP-13 or for screening inhibitors. Please see Chondrex, Inc.'s MMP-13 Inhibitor Assay Protocol (Cat # <a href="#">3003</a> ) for more information.
QUANTITY:	0.1 ml, 10 $\mu$ g
FORM:	100 $\mu$ g/ml solution, in 0.05M Tris-HCl buffer, pH 7.6, containing 0.2M NaCl, 5 mM CaCl <sub>2</sub> , 20 $\mu$ M ZnSO <sub>4</sub> , 0.1% BSA, and 0.0025% NaN <sub>3</sub>
SOURCE:	Human
MOLECULAR WEIGHT:	Approximately 27 kDa
PURITY:	N/A
STORAGE:	-80°C (Do not repeat freeze and thaw cycles)
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	1. D. Bickett, <i>et al. Anal. Biochem.</i> <b>212</b> : 58-64 (1993)