Recombinant Human MMP-13

Catalog # 5003

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Active form of recombinant human collagenase (MMP-13) truncated from the C-terminal. Activity determined by cleavage of fluorogenic peptide (1). 50 ng of MMP-13 will digest about 50 % (1 nmole) of fluorogenic peptide substrate (2 nmole: 0.1 ml of 20 µM 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 # 3089) for more information.
QUANTITY:	100 µg/ml x 0.1 ml (10 µg/vial)
FORM:	100 µg/ml solution, in 0.05M Tris-HCl buffer, pH 7.6, containing 0.2M NaCl, 5 mM CaCl2, 20 µM ZnSO4, 0.1% BSA, and 0.0025% NaN3
SOURCE:	Human
MOLECULAR WEIGHT:	Approximately 20 kDa
	*HHHHHH*VNRYNVFPRTLKWSKMNLTYRIVNYTPDMTHSEVEKAFKKAFKVWSDVTPLNFTR LHDGIADIMISFGIKEHGDFYPFDGPSGLLAHAFPPGPNYGGDAHFDDDETWTSSSKGYNLFL VAAHEFGHSLGLDHSKDPGALMFPIYTYTGKSHFMLPDDDVQGIQSLYGPGD
PURITY:	N/A
STORAGE:	-80°C (Do not repeat freeze and thaw cycles)
STABILITY:	1 year
NOTES:	This product (Cat # 5003) replaces an obsolete product (Cat # 5002)
REFERENCES:	1. D. Bickett, *et al. Analy. Biochem.* **212**: 58-64 (1993)

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