

RPCB0373

Product Information

Product SKU:	RPCB0373	Gene ID:	4322	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	-	Swissprot:	P45452
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Matrix metalloproteinases are a family of zinc and calcium dependent endopeptidases. MMP-13 (Collagenase-3) has been demonstrated to degrade a range of extracellular matrix proteins, including collagen types I, II, III, IV, IX, X and XIV, gelatin, aggrecan, perlecan and fibronectin. MMP-13 is proteolytically processed to generate the mature protease. MMP-13 is distinguished from the other human collagenases ,it cleaves type II collagen more efficiently than types I and III. MMP-13 is expressed by fibroblasts, chondrocytes and squamous epithelial cells. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human MMP-13 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Storage: Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.