

Human MMP2 protein (active)

Cat. No. GTX48396-pro

Applications	Functional Assay
Species	Human

Package
10 µg

PRODUCT

Summary Recombinant human MMP-2 is a 62.0 kDa protein containing the entire catalytic N-terminal domain and the C-terminal domain (552 amino acids).

Applications

Application Note

MMP-2 activity was measured by its ability to cleave a chromogenic peptide MMP-2 substrate at room temperature. At an MMP-2 concentration of 2.5 µg/ml, 50% cleavage was achieved at an incubation time of approximately 25 minutes.

Properties

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	MYNFFPRKPKWDKNQITYRIIGYTPDLDPETVDDAFARAFQVWSVTPPLRFSRIHDGEADIMINFRWEHGDGYPFDGKDGLLAHAFAPGTGVGGDSHFDDDELWTLGEGQVVRVKYGNADGEYCKFPFLFNGKEYNSCTDTGRSDGFLWCSTTYNFEKDGKYGFCPH
Expression System	E. coli
Purity	> 90%
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).