

Product: ProMatrix Metalloproteinase-7 (ProMMP-7), recombinant
Catalog #: 12-4316
Amount: 5 µg

DESCRIPTION: Recombinant ProMatrix Metalloproteinase (rProMMP-7)
SOURCE: *Escherichia coli* expression system
PURITY: > 95%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel
ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of rProMMP-7
DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis
UNIT DEFINITION: One unit is defined as the digestion of 1 µg Azocoll/min at 37°C.
FORM: Purified, in 25mM Tris-HCl (pH 7.5), 150mM NaCl, 5mM CaCl₂, 0.01% Brij-35 and 0.02% NaN₃
STORAGE: -20°C (aliquot), avoid freezing and thawing cycles
BIOLOGICAL ACTIVITY: rProMMP-7 is fully biologically active when compared to standard.
The specific activity was found to be 1400IU/mg.

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