

Product Datasheet

MMP-1 Native Protein P5280

Unit Size: 50 mg

Store at 4C. Do not freeze.

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P5280**MMP-1 Native Protein**

| Product Information | |
|------------------------------------|--|
| Unit Size | 50 mg |
| Concentration | Lyoph |
| Storage | Store at 4C. Do not freeze. |
| Preservative | No Preservative |
| Reconstitution Instructions | Primary cell isolation, culture and tissue dissociation: Reconstitute in balanced salt solutions at concentrations from 0.05% to 0.5% (w/v). Enzymatic assay: Reconstitute in 0.05 M TES buffer with 0.36 mM CaCl ₂ , pH 7.5 (concentration of 1.0 mg/ml) |
| Purity | >90% |

| Product Description | |
|---------------------------------|--|
| Description | Collagenases are enzymes that break the peptide bonds in collagen, and are useful in structural and functional studies of collagen metabolism. Collagenase Type I has average levels of collagenase, caseinase, clostripain, and tryptic activities, and is well-suited for the digestion of fat, adrenal, and liver cells or tissues. |
| Gene ID | 4312 |
| Gene Symbol | MMP1 |
| Species | Human |
| Details of Functionality | This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |

| Product Application Details | |
|------------------------------------|------------------------------|
| Applications | Bioactivity, Enzyme Activity |
| Recommended Dilutions | Bioactivity, Enzyme Activity |





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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