

Product Datasheet

Recombinant Human Caspase-1 Protein NBP1-99608

Unit Size: 100 Units

Store at -20 to -80C. Avoid freeze-thaw cycles.

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technical@novusbio.com

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NBP1-99608**Recombinant Human Caspase-1 Protein****Product Information**

Unit Size	100 Units
Concentration	Lyoph
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute to 1 unit per ul in PBS containing 15% glycerol.
Purity	SDS-PAGE
Buffer	Lyophilized
Target Molecular Weight	45 kDa

Product Description

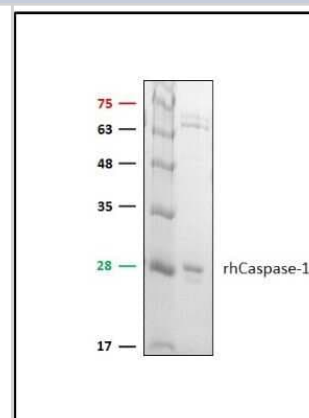
Description	<p>Recombinant protein for Human Caspase-1</p> <p>Source: <i>E. coli</i>.</p> <p>Amino Acid Sequence: (NP_150634.1)</p> <p><i>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab39901-25)</i></p>
Gene ID	834
Gene Symbol	CASP1
Species	Human

Product Application Details

Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	<p>Unit/Each Definition: One unit of the recombinant caspase-1 is the enzyme activity that cleaves 1 nmol of the caspase substrate YVAD-pNA (pNA: pnitroanaline) per hour at 37C in a reaction solution containing 50 mM Hepes pH 7.2 50 mM NaCl 0.1% Chaps 10 mM EDTA 5% Glycerol and 10 mM DTT.</p> <p>Molecular Weight: large (20 kD) and small (10 kD) subunits</p> <p>Specific activity: > 5000 units/mg</p>

Images

SDS-Page: Recombinant Human Caspase-1 Protein [NBP1-99608]



Publications

LaRock DL, Johnson AF, Wilde S Et al. Group A Streptococcus induces GSDMA-dependent pyroptosis in keratinocytes Nature 2022-05-11 [PMID: 35545676] (Func, Human)

Details:

Citation using the DyLight 800 version of this antibody.

Liu C, Li H, Xu F et al. Cannabidiol Protects Human Skin Keratinocytes from Hydrogen-Peroxide-Induced Oxidative Stress via Modulation of the Caspase-1-IL-1 beta Axis Journal of natural products 2021-05-28 [PMID: 33955754]



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.

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