

Product Datasheet

Recombinant Human Caspase-6 Protein NBP1-99589

Unit Size: 100 Units

Store at -70C. Avoid freeze-thaw cycles.

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NBP1-99589**Recombinant Human Caspase-6 Protein****Product Information**

Unit Size	100 Units
Concentration	Lyoph
Storage	Store at -70C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute to 1 unit per ul in PBS containing 15% glycerol.
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized
Target Molecular Weight	14.5 kDa

Product Description

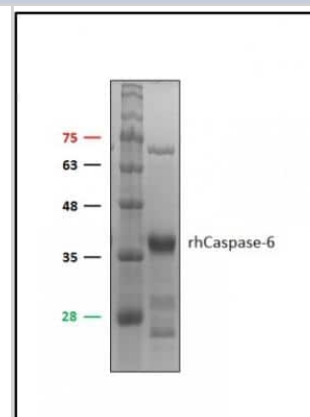
Description	Recombinant active human caspase-6 expressed in E. coli and fused with His tag (Uniprot# P55212-1 (isoform alpha)). This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab52157)
Gene Symbol	CASP6
Species	Human
Details of Functionality	Specific Activity: 13,000 units/mg. One unit of the recombinant caspase-6 is the enzyme activity that cleaves 1 nmol of the caspase substrate VEID-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.

Product Application Details

Applications	In vitro assay, SDS-Page, Bioactivity
Recommended Dilutions	In vitro assay, SDS-Page, Bioactivity
Application Notes	Use in In vitro reported in scientific literature (PMID:34862482).Molecular Weight: large (18) and small (11).

Images

Recombinant Human Caspase-6 Protein [NBP1-99589]

**Publications**

Valionyte E, Yang Y, Griffiths SA et al. The caspase-6-p62 axis modulates p62 droplets based autophagy in a dominant-negative manner Cell death and differentiation 2021-12-03 [PMID: 34862482] (In vitro)



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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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