



Pro-caspase-3

9625™

Description

- **Organism** *Homo sapiens*, human
 - **Clone type** Clone
 - **Host** *Escherichia coli* HB101 ([ATCC 33694](#))
 - **Deposited As** human
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Storage Conditions

- **Product format** Frozen
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Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

- **Insert size (kb)** 0.90000000000000002
 - **Type of DNA** cDNA
 - **Insert source** umbilical vein endothelial cells
 - **Insert tissue** umbilical vein endothelial cells
 - **Insert information**
DESCRIPTION OF INSERT COMPONENT:
Cross references: DNA Seq. Acc.: U26943
Nucleotides ~1-900 of the insert correspond to nucleotides ~1-834 of U26943.
 - **Genome** Homo sapiens
 - **Chromosome** 4
4 q34
 - **Target gene** apopain; caspase 3; apoptosis-related cysteine protease
 - **Gene name** caspase 3, apoptosis-related cysteine protease
 - **Gene product** caspase 3, apoptosis-related cysteine protease(Caspase 3, apoptosis related cysteine protease (ICE-like cysteine protease), cysteine protease CPP32) [Yama]
 - **Gene symbol** CASP3; CPP32; CPP32B; Yama; apopain
 - **Contains complete coding sequence** Yes
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Vector Information

- **Construct size (kb)** 4.5
 - **Intact vector size** 3.665
 - **Vector name** pET-23b
 - **Type of vector** plasmid
 - **Host range** *Escherichia coli*
 - **Vector end** NdeI
 - **Vector information**
epitope tag: hexahistidine sequence (6-His), <-, 140-157
epitope tag: T7 tag sequence, <-, 207-239
 - **Cloning sites** BamHI; EcoRI; SacI; HincII; Sall; HindIII; EagI; NotI; XhoI
 - **Markers** ampR
 - **MCS** BamHI...XhoI, <-, 158-203
 - **Polylinker sites** BamHI; EcoRI; SacI; HincII; Sall; HindIII; EagI; NotI; XhoI
 - **Promoters** T7
 - **Replicon** pMB1, 1450-1450; f1, ←, 3200-3655
 - **Terminator** T7, <-, 26-72
 - **Transcription terminator** T7, <-, 26-72
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Growth Conditions

- **Medium**
[ATCC Medium 1227: LB Medium \(ATCC medium 1065\) with 50 mcg/ml ampicillin](#)
 - **Temperature** 37°C
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Notes

Restriction digests of the clone give the following sizes (kb): NdeI--4.5;
XbaI/XhoI--4.0, 0.95; HindIII--4.5.
- ATCC staff

Plasmid encodes the complete coding sequence, tagged at the C-terminus with hexahistidine.
- Proc. Natl. Acad. Sci. USA 93: 1972-1976, 1996

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pro-caspase-3 (ATCC 99625)

References

References and other information relating to this material are available at www.atcc.org.

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