

Active Recombinant Human CASP10, His-tagged

Cat. No. CASP10-247H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP10 (Accession # AAC50644) Val220-Ile479, fused with a C-terminal 6-His tag, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	220-479 a.a.
Predicted N Terminal	Val220 & Ala373
Form	Supplied as a 0.2 µm filtered solution in HEPES, NaCl and Sucrose.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate N-acetyl-Leu-Glu-His-Asp-7-amino-4-trifluoromethyl coumarin (Ac-LEHD-AFC).The specific activity is >200 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CASP10, His-tagged has a calculated MW of 30 kDa. In SDS-PAGE migrates as 17 kDa and 10 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name [CASP10 caspase 10, apoptosis-related cysteine peptidase \[Homo sapiens \]](#)

Official Symbol [CASP10](#)

Synonyms [CASP10](#); [caspase 10, apoptosis-related cysteine peptidase](#); [caspase 10, apoptosis related cysteine protease](#); [caspase-10](#); [MCH4](#); [CASP-10](#); [FADD-like ICE2](#); [apoptotic protease MCH-4](#); [ICE-like apoptotic protease 4](#); [interleukin-1B-converting enzyme 2](#); [caspase 10, apoptosis-related cysteine protease](#); [FAS-associated death domain protein interleukin-1B-converting enzyme 2](#); [ALPS2](#); [FLICE2](#);

Gene ID [843](#)

mRNA Refseq [NM_001206524](#)

Protein Refseq [NP_001193453](#)

MIM [601762](#)

UniProt ID [Q92851](#)

Chromosome Location [2q33-q34](#)

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