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/μg, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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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