

Recombinant Human CASP5 protein, His-SUMO-tagged

Cat. No. CASP5-2637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP5 protein(P51878)(137-327aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	137-327aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.8 kDa
AA Sequence	DQKITSVKPLLQIEAGPPESAESTNILKLCPREEFRLRLCKKNHDEIYPIKKREDRRRLA LIICNTKFDHLPARNGAHYDIVGMKRLQLGLGYTVVDEKNLTARDMESVLRAFAARP EHKSSDSTFLVLMESHGILEGICGTAHKKKKPDVLLYDTIFQIFNNRNCLSLKDKPKVIIV QACRGEKHGELWVRD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [CASP5 caspase 5, apoptosis-related cysteine peptidase \[Homo sapiens \]](#)

Official Symbol [CASP5](#)

Synonyms

CASP5; caspase 5, apoptosis-related cysteine peptidase; caspase 5, apoptosis related cysteine protease; caspase-5; ICE(rel)III; CASP-5; TY protease; protease TY; ICE(rel)-III; protease ICH-3; caspase 5, apoptosis-related cysteine protease; ICH-3; ICEREL-III; MGC141966;

Gene ID [838](#)

mRNA Refseq [NM_001136109](#)

Protein Refseq [NP_001129581](#)

MIM [602665](#)

UniProt ID [P51878](#)

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