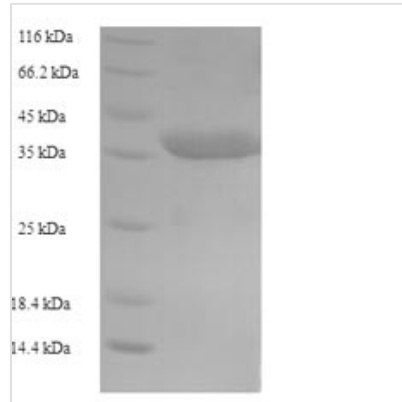




Recombinant Human Caspase-5 (CASP5), partial

Product Code	CSB-EP004550HU
Relevance	Mediator of programmed cell death (apoptosis).
Abbreviation	Recombinant Human CASP5 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51878
Alias	ICE(rel)-IIIProtease ICH-3;Protease TY
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	DQKITSVKPLLQIEAGPPESAESTNILKLCPREEFRLRLCKKNHDEIYPIKKREDR RRLALIICNTKFDHLPARNGAHYDIVGMKRLQLGLGYTVVDEKNLTARDMESVL RAFAARPEHKSSDSTFLVLM SHGILEGICGTAHKKKKPDVLLYDTIFQIFNNRNC LSLKDKPKVIVQACRGEKKGELWVRD
Research Area	Cell Biology
Source	E.coli
Target Names	CASP5
Protein Names	Recommended name: Caspase-5 Short name= CASP-5 EC= 3.4.22.58 Alternative name(s): ICE(rel)-III Protease ICH-3 Protease TY Cleaved into the following 2 chains: 1. Caspase-5 subunit p20 2. Caspase-5 subunit p10
Expression Region	137-327aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	37.8kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.