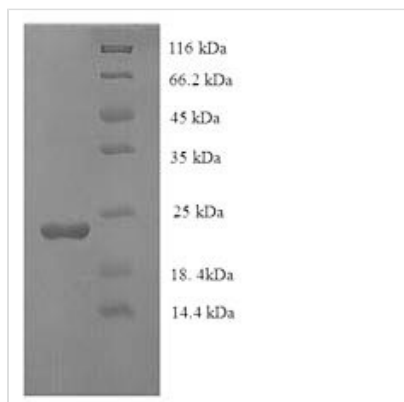




Recombinant Human Caspase-7 (CASP7), partial

Product Code	CSB-EP004552HU1
Relevance	Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp- -Gly-217' bond. Overexpression promotes programmed cell death.
Abbreviation	Recombinant Human CASP7 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.	P55210
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AKPDRSSFVPSLFSK KKKKNVTMRSIKTTRDRVPTYQYNMNF EKLGKCIINNKN FDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYND CSCAKMQDLLKKASEE DHTNAACFACILLSHGEENVY GKG DGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQ ACRGTELD DGIQAD
Research Area	Apoptosis
Source	E.coli
Target Names	CASP7
Expression Region	24-198aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	23.7kDa
Protein Length	Partial

Image



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



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.