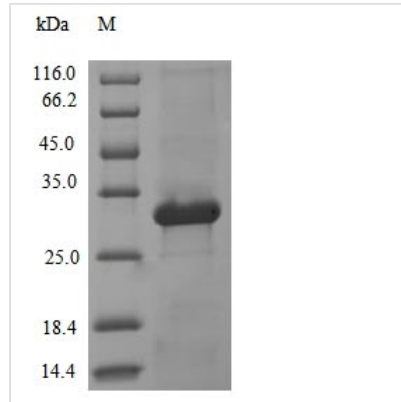


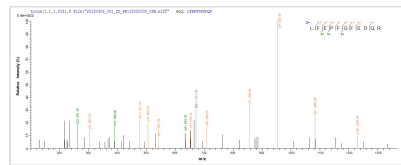


Recombinant Human adenovirus C serotype 5 Protease (L3)

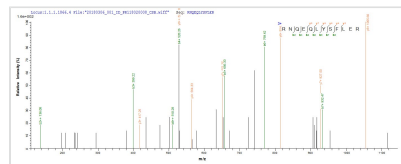
Product Code	CSB-EP361000HILb1
Relevance	Cleaves viral precursor proteins (pTP, pIIIa, pVI, pVII, pVIII, and pX) inside newly assembled particles giving rise to mature virions. Protease complexed to its cofactor slides along the viral DNA to specifically locate and cleave the viral precursors. Mature virions have a weakened organization compared to the unmaturation virions, thereby facilitating subsequent uncoating. Without maturation, the particle lacks infectivity and is unable to uncoat. Late in adenovirus infection, in the cytoplasm, may participate in the cytoskeleton destruction. Cleaves host cell cytoskeletal keratins K7 and K18.
Abbreviation	Recombinant Human adenovirus C serotype 5 Protease protein
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.	P03253
Alias	Adenain Adenovirus protease
Product Type	Recombinant Protein
Immunogen Species	Human adenovirus C serotype 5 (HAdV-5) (Human adenovirus 5)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MGSSEQELKAIVKDLGCGPYFLGTYDKRFPGFVSPHKLACAIVNTAGRETGGV HWMAFAWNPHTSKTCYLFEPFGFSDQRLKQVYQFEYESLLRRSAIASSPDRICIT LEKSTQSVQGPNSAACGLFCCMFLHAFANWPQTPMDHNPTMNLITGVPNSML NSPQVQPTLRRNQEQLYSFLERHSPYFRSHSAQIRSATSFCCLKNM
Research Area	others
Source	E.coli
Target Names	L3
Expression Region	1-204aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.1kDa
Protein Length	Full Length
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP361000HILB1 could indicate that this peptide derived from E.coli-expressed Human adenovirus C serotype 5 (HAdV-5) (Human adenovirus 5) L3.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP361000HILB1 could indicate that this peptide derived from E.coli-expressed Human adenovirus C serotype 5 (HAdV-5) (Human adenovirus 5) L3.

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.