Recombinant Bovine Caspase-6 (CASP6)

Product Code	CSB-BP667517BO
Abbreviation	CASP6
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.	Q3T0P5
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	AFPRREI FDPTEKYKMD HKRRGIALIF NHERFFWHLT LPNRPGTSAD RDNLRRRFSD LGFEVKCFDD LRAEELLLKI HEASTASHVD ADCFLCVFLS HGEGNHIYAY DAKIEIQTLT GLFKGDKCQS LVGKPKIFII QACRGSQHDV PVIPLDVVD
Source	Baculovirus
Target Names	CASP6
Protein Names	Recommended name: Caspase-6 Short name= CASP-6 EC= 3.4.22.59 Cleaved into the following 2 chains: 1. Caspase-6 subunit p18 2. Caspase-6 subunit p11
Expression Region	24-179
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in two transcript variants that encode different isoforms.
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.

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