

Active Recombinant Full Length Cynomolgus caspase 3 Protein, His-tagged

Cat. No. CASP3-363CFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Full Length Cynomolgus CASP3 Protein with C His-tag was expressed in E. coli.
Species	Cynomolgus
Source	E.coli
ProteinLength	Full Length
Description	Strict requirement for an Asp residue at positions P1 and P4. It has a preferred cleavage sequence of Asp-Xaa-Xaa-Asp- - with a hydrophobic amino-acid residue at P2 and a hydrophilic amino-acid residue at P3, although Val or Ala are also accepted at this position.
Tag	C-His
Bio-activity	6.52×10 ⁸ U/mg protein. One unit is the amount of enzyme that will cleave 1.0 nmol of the colorimetric substrate Ac-DEVD-pNA per hour at 37 centigrade under saturated substrate concentrations.
Molecular Mass	32 kDa
AA Sequence	MENTENSVDSKSIKSLEPKIIHGSKSVDSGISLDNSYKMDYPEMGLCIINNKNFHKST GMASRSGTDVDAANLRETFINLKYGVRNKNDLTREEIVELMRNVSKEDHSKRSSFV

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CVLLSHGEEGIIFGTNGPLDLKKITSFFRGDCCRSLTGKPKLFIIQACRGTELDGIEA
 DSGVEDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKL
 EFMHILTRVNRKVATEFESFSLDATFHAKKQIPCIVSMLTKELYFYHHHHHHHH

Purity > 90 % by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 2 mg/mL by BCA

Storage Buffer Sterile 50mM Tris, 300mM NaCl, pH8.0, 200mM Arginine

GENE INFORMATION

Gene Name CASP3 caspase 3 [*Macaca mulatta* (Rhesus monkey)]

Official Symbol CASP3

Synonyms CASP3; caspase 3; caspase-3; caspase 3, apoptosis-related cysteine peptidase; caspase-3 preproprotein; EC 3.4.22.56

Gene ID 694473

mRNA Refseq XM_015139582

Protein Refseq XP_014995068

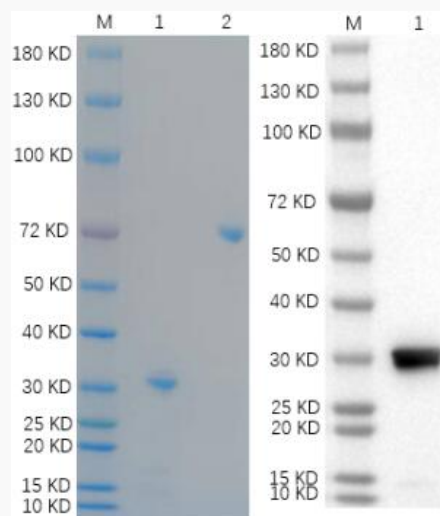
UniProt ID F7HFY2

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Reducing 12 % SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified CASP3.



1. CASP3
2. BSA

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