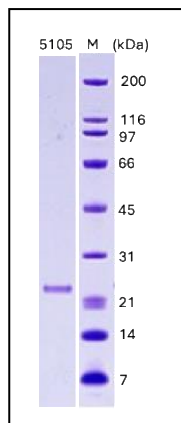


Recombinant HCV Protease (3)

Catalog Number	Size
AG5105-10	10ug
AG5105-25	25ug
AG5105-B	Bulk

Description



The recombinant HCV protease 3 (strain NZL1) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 216 (10+206) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 23kDa.

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MGSSHHHHHH SSGLVPRGSH MGSVVIVGRI ILSGSGSITA YAQQTRGLLG
TIVVSMTGRD KTEQAGEIQV LSTVTQSFLG TTISGVLWTV YHGAGNKTLA
GSRGPVTQMY SSAEGDLVGW PSPPGTKSLE PCTCGAVDLY LVTRNADVIP
ARRRGDKRGA LLSPRPLSTL KGSSGGPVLC PRGHAVGVFR AAVCSRGVAK
SIDFIPVETL DIVTRS
  
```

Accession Number

D17763

Molecular Mass

Approximately 23kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Hepatitis C virus (HCV) protease plays an essential role in the life cycle of HCV and is considered as an important emerging target for the treatment of HCV patients. The recombinant and active HCV protease can be used for the studies of HCV protease mutations, screening protease inhibitors (PIs) and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!