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37-1388: SARS coronavirus Plpro / papain-like protease(Discontinued)

Alternative Name: none

Description

Source: E. coli

The methanol extract of T. terrestris fruits showed potent inhibition against the papain-like protease (PLpro), an essential proteolylic enzyme for protection to pathogenic virus and bacteria. Tribulus terrestris fruits are well known for their usage in pharmaceutical preparations and food supplements. The most active PLpro inhibitors (1-6) were proven to be present in the native fruits in high quantities by HPLC chromatogram and liquid chromatography with diode array detection and electrospray ionization mass spectrometry (LC-DAD-ESI/MS).

Product Info

Amount : like protease(Discontinued) / 20 μ g Purification : > 90 % as determined by SDS-PAGE.

Formulation Lyophilized from sterile 50 mM Tris, 0.1 % Tween, pH 9.0.

Content : Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before

lyophilization.

Storage condition : Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid: Glu1541-Tyr1859

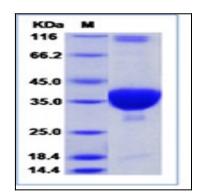


Fig 1: SARS coronavirus (SARS-CoV) (strain WH20) Plpro / papain-like protease (His Tag)