Active Recombinant E. coli degP Protein, His-tagged

Cat. No. degP-792E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli degP (Accession # NP_414703) Ala27-Gln474, fused with a C-terminal 10 His tag and ERSIGS sequence, was produced in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Ala27-Gln474
Predicted N Terminal	Ala27
Form	Supplied as a 0.2 μm filtered solution in HEPES and NaCl.
Bio-activity	Measured by its ability to cleave beta -casein.Recombinant E. coli HTRA/Protease Do will cleave >95% cleavage of beta -casein, as measured under the described conditions.
Molecular Mass	Recombinant E. coli degP, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 50 kDa, 41 kDa and 27 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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