

Product Information

Recombinant Human Pepsinogen I Protein

Product Information	
Catalog#	MK0925H
Product Name	Recombinant Human Pepsinogen I Protein
Product Overview	Recombinant Human pepsinogen I protein. Predicted molecular weight: 40 kDa.
Description	Pepsinogen is the pro-form of pepsin and is produced in the stomach by chief cells. The major part of pepsinogen is secreted into the gastric lumen but a small amount can be found in the blood. Alterations in the serum pepsinogen concentrations has been found with Helicobacter pylori (H. Pylori) infections, peptic ulcer disease, gastritis, and gastric cancer. More precise analysis may be achieved by measuring the pepsinogen I/II ratio.
Source	E. coli
Species	Human
Tag	N/A
Formulation	50 mM Tris-HCl, pH 7.5; 150 mM NaCl, 0,5 µg/ml pepstatin A; containing 6 % sucrose as a stabilizer
Bio-activity	Anti- h Pepsinogen I 8003 : + Anti- h Pepsinogen I 8015 : +
AA Sequence	MIMYKVPLIR KKSLRRTLSE RGLLKDFLKK HNLNPARKYF PQWEAPTLVD EQPLENYLDM EYFGTIGIGT PAQDFTVVFD TGSSNLWVPS VYCSSLACTN HNRFPEDSS TYQSTSETVS ITYGTGSMTG ILGYDTVQVG GISDTNQIFG LSETEPGSFL YYAPFDGILG LAYPSISSSG ATPVFDNIWN QGLVSQDLFS VYLSADDQSG SVVIFGGIDS SYTGSLNWV PVTVEGYWQI TVDSITMNGE AIACAEGCQA IVDTGTSLLT GPTSPIANIQ SDIGASENSD GDMVVSCSAI SSLPDIVFTI NGVQYPVPPS AYILQSEGSC ISGFQGMNLP TESGELWILG DVFIRQYFTV FDRANNQVGL APVA
Storage	2–8centigrade
Reconstitution	Reconstitute lyophilized protein with 200 µl of deionized water
Molecular Mass	Predicted molecular weight: 40 kDa