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LAP3, 1-519aa, Human, His tag, E.coli

产品货号: TP02780

第三版

别名:Cytosol aminopeptidase, HEL-S-106, LAP, LAPEP, PEPS

**描述:**LAP3 also known as cytosol aminopeptidase. LAP3 presumably involved in the processing and regular turnover of intracellular proteins. This protein catalyzes the removal of unsubstituted N-terminal amino acids from various peptides. It release of an N-terminal amino acid, Xaa-|-Yaa-, in which Xaa is preferably Leu, but may be other amino acids including Pro although not Arg or Lys, and Yaa may be Pro. Amino acid amides and methyl esters are also readily hydrolyzed, but rates on arylamides are exceedingly low. Recombinant human LAP3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid, In 20mM Tris-HCl(pH8.5) containing 50% glycerol, 5mM DTT, 1mM EDTA

**分子量:**58.3kDa (539aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMFLPLPAAGRVVRRRLAVRRFGSRSLSTADMTKGLVLGIYSKEKEDDVPQFTSAGENFD  
KLLAGKLRETLNISGPPLKAGKTRTFYGLHQDFPSVVLVGLGKKAAGIDEQENWHEGKENIRAAVAAGCRQIQDLELSSVE  
VDPCGDAQAAAEGAVLGLYEYDDLKQKKKMAVSAKLYGSGDQEAQKGVLFASGQNLARQLMETPANEMTPTRFAEI  
IEKNLKSASSKTEVHIRPKSWIEEQAMGSFLSVAKGSDEPPVFLEIHYKGSPLANEPPLVFGKGITFDSSGGISIKASANMDL  
MRADMGGAATICSIAIVSAAKLNLPIIIGLAPLCENMPGKANKPGDVVRAKNGKTIQVDNTDAEGRLLADALCYAHTF  
NPKVILNAATLTGAMDVALGSGATGVFTNSSLWLNKLFESIETGDRVWRMPLFEHYTRQVVDCQLADVNNIGKYRSA  
GACTAAFLKEFVTHPKWAHLDIAGVMTNKDEVYLRKGMTGRPRTLIEFLRFSQDNA

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.