

## Product datasheet for **AR51849PU-S**

### Cytosol aminopeptidase (1-519, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Cytosol aminopeptidase (1-519, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MLLPLPAAG RVVRRRLAVR RFGSRSLSTA DMTKGLVLGI YSKEKEDDVP QFTSAGENFD KLLAGKLRET LNISGPPLKA GKTRTFYGLH QDFPSVVLVG LGKKAAGIDE QENWHEGKEN IRAAVAAGCR QIQDLELSSV EVDPCGDAQA AAEGAVLGLY EYDDLKQKKK MAVSAKLYGS GDQEAWQKGV LFASGQNLAR QLMETPANEM TPTRFAEIII KNLKSASSKT EVHIRPKSWI EEQAMGSFSL VAKGSDEPPV FLEIHYKGGP NANEPPLV FV GKGITFDSGG ISIKASANMD LMRADMGGAA TICS AIVSAA KLNLPINIIG LAPLCENMPS GKANKPGDVV RAKNGKTIQV DNTDAEGR LI LADALCYAHT FNPKVILNAA TLTGAMDVAL GSGATGVFTN SSWLWNKLFE ASIETGDRVW RMPLFEHYTR QVVD CQLADV NNIGKYRSAG ACTAA AFLKE FVTHPKWAHL DIAGVMTN KD E VPYLRKGMT GRPRTLIEF LLRFSQDNA
Tag:	His-tag
Predicted MW:	58.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.5) containing 50% glycerol, 5 mM DTT, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LAP3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_056991</a>
Locus ID:	51056



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UniProt ID:	<a href="#">P28838</a>
Cytogenetics:	4p15.32
Synonyms:	HEL-S-106; LAP; LAPEP; PEPS
Summary:	Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Arginine and proline metabolism, Glutathione metabolism, Metabolic pathways

**Product images:**