

## Product datasheet for PH309052

### LAP3 (NM\_015907) Human Mass Spec Standard

#### Product data:

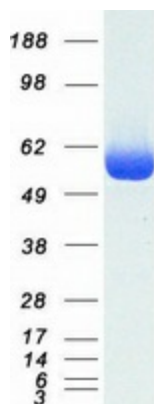
Product Type:	Mass Spec Standards
Description:	LAP3 MS Standard C13 and N15-labeled recombinant protein (NP_056991)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209052
Predicted MW:	56.2 kDa
Protein Sequence:	>RC209052 protein sequence Red=Cloning site Green=Tags(s)
	<p>MFLLPLPAAGRIVVRRRLAVRRFGSRSLSTADMTKGLVLGIYSKEKEDDVPQFTSAGENFDKLLAGKLRET  LNI SG PPLKAGKTRTFYGLHQDFPSVVLVGLGKKAAGIDEQENWHEGKENIRAAVAAGCRQIQDLELSSV  EVDPCGDAQAAAEGAVLGLYEYDDLKQKKKMAVSAKLYGSGDQEAWQKGVLFASGQNLARQLMETPANEM  TPTRFAEIIIEKNLKSASSKTEVHIRPKSWIEEQAMGSFLSVAKGSDEPPVFLEIHYKGSPLANEPPLV FV  GKGITFDSSGGISIKASANMDLMRADMGGAATICS AIVSAAKLNL PINI IGLAPLCENMPSGKANKPGD VV  RAKNGKTIQVDNTDAEGRLLADALCYAHTFNPKVILNAATLTGAMDVALGSGATGVFTNSSWLWNKLF E  AS IETGDRVWRMPLFEHYTRQVVD CQLADVNNIGKYRSAGACTAAAF LKEFVTHPKWAHLDIAGVMTNKD  EVPYLRKGMTGRPTRTLIEFLLRFSQDNA</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056991</a>
RefSeq Size:	2100
RefSeq ORF:	1557



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<b>Synonyms:</b>	HEL-S-106; LAP; LAPEP; PEPS
<b>Locus ID:</b>	51056
<b>UniProt ID:</b>	<a href="#">P28838</a>
<b>Cytogenetics:</b>	4p15.32
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protease
<b>Protein Pathways:</b>	Arginine and proline metabolism, Glutathione metabolism, Metabolic pathways

### Product images:



Coomassie blue staining of purified LAP3 protein (Cat# [TP309052]). The protein was produced from HEK293T cells transfected with LAP3 cDNA clone (Cat# [RC209052]) using MegaTran 2.0 (Cat# [TT210002]).