

# Recombinant Human LAP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LAP3-6057H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LAP3 MS Standard C13 and N15-labeled recombinant protein (NP_056991) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 56.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>MFLLPLPAAGR VVRR LAVRRFGS RSLSTADMTKGLVLGIYSKEKEDDVPQFTSAGE</p> <p>NFDKLLAGKLRETLNISGPPLKAGKTRTFYGLHQDFPSVVLVGLGKKAAGIDEQENW</p> <p>HEGKENIRA AAVAAGCRQIQDLELSSVEVDPCGDAQAAAEGAVLGLYEYDDLKQKKK</p> <p>MAVSAKLYGSGDQEA WQKGVLFASGQNLARQLMETPANEMTPTRFAEIIKLNLSA</p> <p>SSKTEVHIRPKSWIEEQAMGSFLSVAKGSDEPPVFLEIHYKGSPNANEPPLVFVGKGI</p> <p>TFDSGGISIKASANMDLMRADMGGAATCSAIVSAAKLNLPINIIGLAPLCENMPSGKA</p> <p>NKPGDVVRAKNGKTIQVDNTDAEGR LILADALCYAHTFNPKVILNAATLTGAMDVAL</p> <p>GSGATGVFTNSSWLWNKLFEAS IETGDRVWRMPLFEHYTRQV VDCQLADVNNIGK</p> <p>YRSAGACTAA AFLKEFVTHPKWAHLDIAGVMTNKDEV PYLRKGMTGRPTRTLIEFL</p> <p>RFSQDNATRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LAP3 leucine aminopeptidase 3 [ Homo sapiens (human) ]                                                                                                                                 |
| <b>Official Symbol</b> | LAP3                                                                                                                                                                                   |
| <b>Synonyms</b>        | LAP3; leucine aminopeptidase 3; PEPS, peptidase S; cytosol aminopeptidase; LAP; LAPEP; LAP-3; peptidase S; leucyl aminopeptidase; prolyl aminopeptidase; proline aminopeptidase; PEPS; |
| <b>Gene ID</b>         | 51056                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_015907                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_056991                                                                                                                                                                              |
| <b>MIM</b>             | 170250                                                                                                                                                                                 |
| <b>UniProt ID</b>      | P28838                                                                                                                                                                                 |

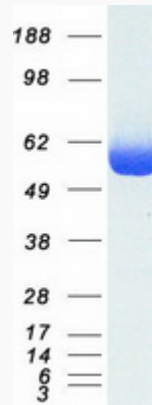
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SDS-PAGE



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