

Product datasheet

Recombinant Human LAMP1 protein ab151863

Description

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| Product name | Recombinant Human LAMP1 protein |
| Purity | > 95 % SDS-PAGE. The purity of ab151863 is greater than 95%, as determined by SEC-HPLC and reducing SDS-PAGE. |
| Endotoxin level | < 1.000 Eu/μg |
| Expression system | HEK 293 cells |
| Accession | <u>P11279</u> |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | AMFMVKNGNGTACIMANFSAAFSVNYDTKSGPKNMTFDL PSDATVVLNRS SCGKENTSDPSLVIAFGRGHTLTLNFTRNATRYSVQLMSF VYNLSDTHLF PNASSKEIKTVESITDIRADIDKKYRCVSGTQVHMNNVTVTL HDATIQAY LSNSSFSRGETRCEQDRPSPTTAPPAPPSPSPSPVKSP SVDKYNVSGTN GTCLLASMGLQLNLTYERKDNTTVTRLLNINPNKTSASGSC GAHLVTLEL HSEGTTVLLFQFGMNASSSRFFLQGIQLNTILPDARDPAFK AANGSLRAL QATVGNSYKCNAAEEHVRVTKAFSVNIFKVVWVQAFKVEGG QFGSVEECLLD ENSMVDHHHHHH |
| Predicted molecular weight | 39 kDa including tags |
| Amino acids | 29 to 382 |
| Tags | His tag C-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab151863** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| Applications | SDS-PAGE HPLC |
| Form | Lyophilized |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride |
| Reconstitution | Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C. |

General Info

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| Function | Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. |
| Sequence similarities | Belongs to the LAMP family. |
| Post-translational modifications | O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans. |
| Cellular localization | Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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