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Recombinant Human LAMP2/CD107b Protein(C-6His)

产品货号: TP04884

第三版

别名:Lysosome-Associated Membrane Glycoprotein 2; LAMP-2; Lysosome-Associated Membrane Protein 2; CD107 Antigen-Like Family Member B; CD107b; LAMP2

描述:Lysosomal Associated Membrane Protein 2 (LAMP2) is a major component of lysosomal membranes. LAMP2 is a transmembrane glycoprotein about 110kDa. Mature human LAMP2 consists of a 347 amino acid (aa) intraluminal domain, a 24 aa transmembrane segment, and a 35 aa cytoplasmic tail. The luminal domain is organized into two heavily N-glycosylated regions. Alternate splicing generates a human LAMP2 isoform (LAMP2B) with a substituted juxtamembrane luminal region, cytoplasmic tail and transmembrane segment. LAMP2 itself can cleavage lysosomal luminal domain and degradation lysosomal. In the help of chaperone HSC73, LAMP2 mediates the lysosomal uptake in complex with cargo proteins and is required for the lysosomal destruction of autophagic vacuoles.

配方:PBS

分子量:33.9 kDa

序列:Leu29-Ile375

纯度:> 95% by HPLC

浓度:

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.