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Recombinant Mouse Lymphocyte Activation Gene 3/LAG-3/CD223 Protein(C-6His)

产品货号: TP04936

第三版

别名:Lymphocyte activation gene 3 protein;CD223;Lag3

描述:Lymphocyte-activation gene 3 (LAG3), also known as CD223, is a type I transmembrane protein with four extracellular Ig-like domains, designated D1 to D4 and belongs to the immunoglobulin superfamily. The gene for LAG3 lies adjacent to the gene for CD4 on human chromosome 12p13.32 and shares approximately 20% identical to the CD4 gene. LAG3 is expressed on activated T cells, natural killer cells, B cells and plasmacytoid dendritic cells. LAG3 binds with high affinity to MHC class II molecules, and it interferes competitively with the binding of CD4 to MHC class II and thereby blocks the transduction of stimulatory signals mediated by this interaction. LAG3 negatively regulates cellular proliferation, activation, and homeostasis of T cells, and plays an important role in Treg suppressive function. LAG3 is the target of various drug development programs to develop new treatments for cancer and autoimmune disorders. The soluble form, sLAG-3, is being developed as a cancer drug.

配方:PBS

分子量:46.2 kDa

序列:Ser23-Leu442

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.