Eukaryotic Lymphocyte Activation Gene 3 (LAG3)(N-6His)

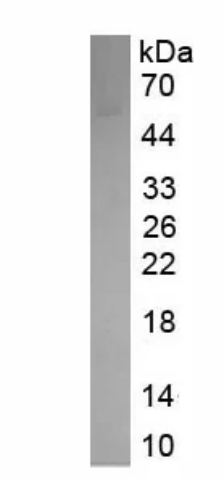
Catalog#:PHR13487

概述（Summary）

别称（Alternative Names）	CD223; Protein FDC
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-【Gly24-Leu442】
Accession #	Q5BK54
表达宿主（Host）	293F
种属（Species）	Rattus norvegicus (Rat)
预测分子量（Predicted MW）	47.3 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Lymphocyte activation gene 3 protein: Inhibitory receptor on antigen activated T-cells. Delivers inhibitory signals upon binding to ligands, such as FGL1. FGL1 constitutes a major ligand of LAG3 and is responsible for LAG3 T-cell inhibitory function. Following TCR engagement, LAG3 associates with CD3-TCR in the immunological synapse and directly inhibits T-cell activation. May inhibit antigen-specific T-cell activation in synergy with PDCD1/PD-1, possibly by acting as a coreceptor for PDCD1/PD-1. Negatively regulates the proliferation, activation, effector function and homeostasis of both CD8(+) and CD4(+) T-cells. Also mediates immune tolerance: constitutively expressed on a subset of

regulatory T-cells (Tregs) and contributes to their suppressive function. Also acts as a negative regulator of plasmacytoid dendritic cell (pDCs) activation. Binds MHC class II (MHC-II); the precise role of MHC-II-binding is however unclear.; May function as a ligand for MHC class II (MHC-II) on antigen-presenting cells (APC), promoting APC activation/maturation and driving Th1 immune response.

电泳图（SDS-PAGE image）



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注意事项（Note）

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