

Recombinant Human LILRA5/CD85f/ILT11 (His-Avi Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human LILRA5/CD85f/ILT11 (His-Avi Tag)	93491ES25	25 µg
	93491ES60	100 µg
	93491ES76	500 µg
	93491ES80	1 mg

产品描述

The leukocyte immunoglobulin-like receptors (LILR) comprise a family of activating and inhibitory type immunoreceptors whose genes are located in the same locus that encodes killer cell Ig-like receptors (KIRs). Human LILRA5, also known as ILT11, LIR-9, and CD85f, consists of a 227 amino acid (aa) extracellular domain (ECD), a 21 aa transmembrane segment, and a 10 aa cytoplasmic tail. The ECD contains two Ig-like domains, and the transmembrane segment contains a positively charged aspartic acid residue which may mediate its association with the signaling molecule, FcR common gamma chain. Alternative splicing generates additional isoforms with a 12 aa deletion within the signal peptide and/or a 27 aa substitution for the C-terminal 61 residues. This substitution encompasses both the transmembrane and cytoplasmic regions. LILRA5 is expressed by monocytes, macrophages, and neutrophils. It is found as an approximately 40 kDa molecule on the cell surface, while a soluble 25 kDa form can be released into the synovial fluid of rheumatoid arthritis patients. Cross-linking of LILRA5 on monocytes induces the expression of pro-inflammatory cytokines (IL-1 beta, IL-6, TNF-alpha) as well as the anti-inflammatory IL-10.

产品性质

别名	CD85; CD85f; ILT11; ILT-11; ILT11CD85f; LILRA5; LILRB7; LIR9; LIR-9
Uniprot No.	A6NI73.1
表达区间及表达系统	Recombinant Human LILRA5/CD85f/ILT11 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Gly42-Arg268.
分子量	Approximately 28.2 kDa. Due to glycosylation, the protein migrates to 38-50 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
内毒素	< 1.0 EU per 1µg of the protein by the LAL method.
制剂	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
复溶	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

冰袋运输。-20°C至-80°C保存，一年有效期。

复溶后，-20 至 -80°C，在未开封状态下保存 3-6 个月。复溶后，2-8°C 保存 2-7 天。

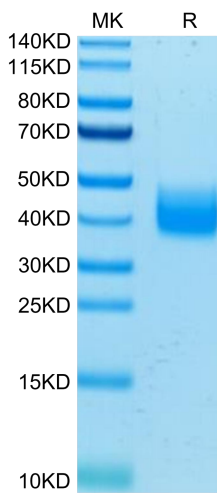
建议第一次使用时分装冻存，避免反复冻融。

注意事项

1. 避免反复冻融。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途！

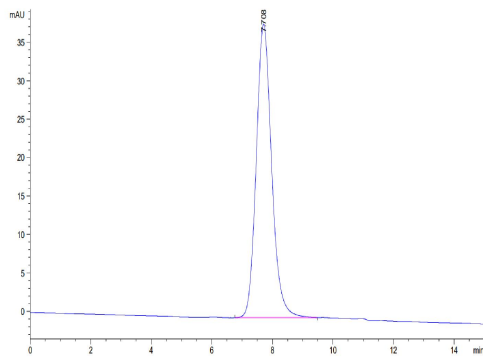
产品数据

Tris-Bis PAGE



Human LILRA5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human LILRA5 is greater than 95% as determined by SEC-HPLC.