

Recombinant Human DR3/TNFRSF25 (hFc Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human DR3/TNFRSF25 (hFc Tag)	94142ES25	25 µg
	94142ES60	100 µg
	94142ES76	500 µg
	94142ES80	1 mg

产品描述

Death receptor 3 (DR3), also known as lymphocyte-associated receptor of death (LARD), WSL-1, APO3, TRAMP and TR3, is a glycoprotein belonging to the TNF receptor superfamily (TNFRSF). DR3 was formerly designated TNFRSF12 when it was thought to be a receptor for TWEAK/TNFSF12. DR3 is one of six within the TNF R superfamily that contains a death domain in its cytoplasmic region. DR3 is expressed primarily in tissues enriched in lymphocytes. Whereas naïve B and T cells express multiple truncated DR3 isoforms but not the transmembrane isoform 1, upon T cell activation, expression of the transmembrane DR3 isoform 1 predominates. TL1A/VEGI, a TNF superfamily ligand, has been shown to bind and activate DR3 (8). Depending on the cell context, ligation of DR3 by TL1A can trigger one of two signaling pathways. On primary T cells, TL1A induces NF-kappa-B activation and a costimulatory signal to increase IL-2 responsiveness and the secretion of proinflammatory cytokines. However, in a tumor cell line, TF-1, TL1A has been shown to induce caspase activity and apoptosis. In DR3-null mice, an impairment of negative selection and anti-CD3-mediated thymocyte apoptosis is observed.

产品性质

别名	APO3; DDR3; DR3; TNFRSF12; WSL; WSL1; TNFRSF25; LARD; TR3; TRAMP; WSL-LR
Uniprot No.	Q93038
表达区间及表达系统	Recombinant Human DR3/TNFRSF25 Protein is expressed from HEK293 Cells with hFc tag at the C-terminal. It contains Gln25-Gln199.
分子量	Approximately 45.6 kDa. Due to glycosylation, the protein migrates to 55-65 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。

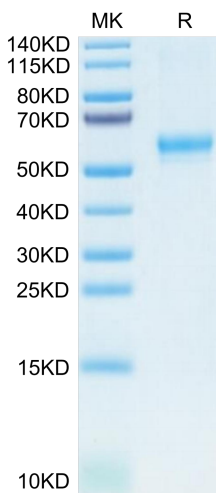
建议第一次使用时分装冻存，避免反复冻融。

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！

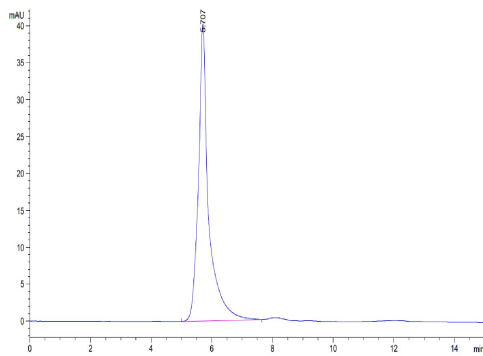
产品数据

Tris-Bis PAGE



Human DR3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human DR3 is greater than 95% as determined by SEC-HPLC.