产品名称：Recombinant Cynomolgus TREM-2 (C-6His)
产品货号：PHV2392

概述（Summary）

英文全称	TREM-2/Triggering Receptor Expressed On Myeloid 2
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）	Recombinant Cynomolgus Triggering receptor expressed on myeloid cells 2 is produced by our Mammalian expression system and the target gene encoding His19-Ser174 is expressed with a 6His tag at the C-terminus.
Accession #	XP_005553122.1
表达宿主（Host）	Human Cells
种属（Species）	Cynomolgus
预测分子量（Predicted MW）	18.3 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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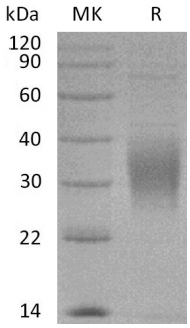

背景（Background）

分子别名（Alternative Names）

Ig-like domain-containing protein; TREM2; Triggering receptor expressed on myeloid cells 2

背景介绍（References）

TREM2 is a cell surface receptor of the immunoglobulin superfamily. TREM2 is a type-1 transmembrane protein that shuttles to the plasma membrane where it exerts its cell autonomous biological functions. TREM2 undergoes regulated intramembrane proteolysis (RIP). TREM2 is preferentially expressed in microglia and is functionally required for migration, cytokine release, phagocytosis, lipid sensing, ApoE binding, shielding of amyloid plaques, and microglia proliferation in the brian. Most of the functionally investigated mutations are located within the Ig-like domain of TREM2.

注意事项（Note）

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