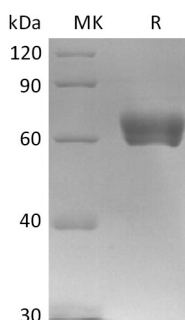


概述 (Summary)

英文全称	IL-17RE
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 Human Interleukin-17 Receptor E is produced by our Mammalian expression system and the target gene encoding Thr155-His454 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q8NFR9
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	61 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
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)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
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)

Product Name: Recombinant Human IL-17RE (C-Fc)
Catalog #: PHH2359



背景 (Background)

分子别名 (Alternative Names)

IL-17 RE; IL-17 receptor E; IL17RE; IL-17RE; interleukin 17 receptor E

背景介绍 (References)

Interleukin 17 Receptor E (IL 17 RE) is an approximately 70 kDa (predicted) transmembrane protein in the family of IL 17 receptors. IL 17 RE is expressed on keratinocytes, mucosal epithelial cells, Th17 cells, and gamma δ T cells. It associates with the widely expressed IL 17 RA to form a heterodimeric receptor for IL-17C. IL-17C binds to IL 17 RE with high affinity and to IL 17 RA with low affinity. IL 17C expression is induced by inflammatory stimulation in colon and airway epithelial cells, keratinocytes, CD4⁺ T cells, macrophages, and dendritic cells. It is up regulated in various chronic inflammatory diseases including psoriasis, cystic fibrosis, and chronic obstructive pulmonary disease (COPD). IL 17 RE is reciprocally down regulated in psoriatic lesions. The interaction of IL 17C with IL 17 RE promotes mucosal immunity through the induction of anti bacterial peptides and pro inflammatory cytokines and chemokines. IL 17C action supports the integrity of the colon epithelium following infection induced damage but also contributes to psoriatic skin thickening and the progression of arthritis. IL 17C is additionally up regulated in Th17 cell dependent autoimmunity. In this setting, it exacerbates disease severity by inducing Th17 cell production of IL 17A, IL 17F, IL 22, CCR6, and CCL20. The up regulation of IL 17 RE in hepatocellular carcinoma is associated with poor prognosis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.