

CHASELECTION**Recombinant Human IL34, Tag Free**

货号(Catalog Number): CY128FXXXX(L)

别名(synonym): C16orf77; IL34; IL-34; interleukin 34

来源(Source): HEK293

蛋白结构 (Structure): 该蛋白不含标签

基因 ID: Q6ZMJ4

氨基酸序列

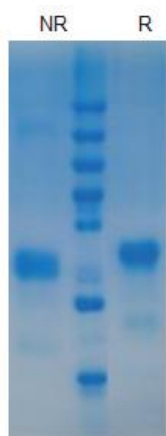
Asn21-Pro242.

分子量大小(MW)

26.1 KDa

纯度 (Purity)

≥ 95%, determined by SDS-PAGE

SDS-PAGE

4 ug/lane protein was resolved with SDS-PAGE under non-reducing (NR) and reducing (R) conditions and visualized by Coomassie blue staining.

内毒素含量 (Endotoxin)

<0.10 EU per 1 ug of the protein by the LAL method

制剂(Formulation)

Solution protein.

Dissolved in sterile PBS buffer.

This solution can be diluted into other aqueous buffers.

Centrifuge the vial prior to opening.

储存与运输(Storage)

Avoid repeated freeze-thaw cycles.

It is recommended that the protein be aliquoted for optimal storage.

36 months from date of receipt, -20 to -70 ° C as supplied.

产品背景介绍 (Production)

Interleukin 34 (IL-34; also known as uncharacterized protein C16orf77) is secreted as a homodimer consisting of 39 kDa monomers. It belongs to no known cytokine family. Human IL-34 is synthesized as a 242 amino acid (aa) precursor that contains a 20 aa signal sequence and a 222 aa mature chain. The mature chain contains one potential site of N linked glycosylation. Human IL-34 is 71% identical to mouse IL-34 on the amino acid level. IL-34 is expressed in various tissues, including the heart, brain, liver, kidney, spleen, thymus, testes, ovary, small intestine, prostate, and colon, and is most abundant in the spleen. The receptor for IL-34 is colony-stimulating factor 1 receptor (CSF-1R). IL-34 stimulates monocyte proliferation. In functional studies, IL-34, like CSF-1, the other ligand for CSF-1R, stimulated phosphorylation of extracellular signal-regulated kinase-1 and -2 (ERK1/2) in human monocytes. In addition, IL-34 promoted the formation of the colony-forming unit macrophage (CFU-M), a macrophage progenitor, in human bone marrow cultures.

