

For Research Use Only

Recombinant Mouse IL-19 protein (rFc Tag)(HPLC verified)



Catalog Number: Eg2844

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE
>90 %, SEC-HPLC

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE
>90 %, SEC-HPLC

Endotoxin Level:
<0.1 EU/μg protein, LAL method

Source:
HEK293-derived Mouse IL-19 protein Leu25-Ala176 (Accession# Q8CJ70) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
329244

Accession:
Q8CJ70

Predicted Molecular Mass:
43.6 kDa

SDS-PAGE:
50-60 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

IL-19 is found within the IL-10 family gene cluster: IL-10, -19, -20, -22, -24 (MDA-7), -26 (AK155), -28, and -29. IL-19 derived primarily from macrophages and, to a lesser extent, from B cells and nonimmune cells including epithelial cells, endothelial cells, skin keratinocytes, and fetal membranes. Many reports showed that IL-19 has proinflammatory effects.

References

1. Wolk K, et al. (2002). Journal of Immunology. 168(11):5397-5402.
2. Menon R, et al. (2006). Journal of Maternal-Fetal and Neonatal Medicine. 19(4):209-214.
3. Chen YY, et al. (2013). Clin Dev Immunol. 2013:294320.

Synonyms

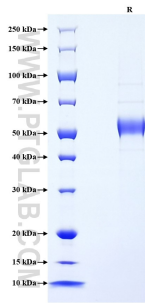
Il19, Interleukin-19

For technical support and original validation data for this product please contact

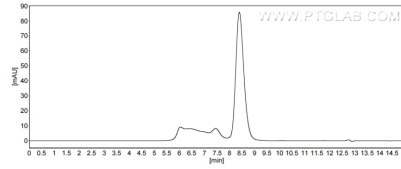
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Purity of Recombinant Mouse IL-19 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.



The purity of Mouse IL-19 was greater than 90% as determined by SEC-HPLC.