

Datasheet for ABIN7319788

## IL23 Protein (Fc Tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	IL23
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant Human Interleukin-23/IL-23 (C-Fc)
Sequence:	Ile23-Ser328&Ala21-Pro189
Characteristics:	Recombinant Human Interleukin-23 is produced by our Mammalian expression system and the target gene encoding Ile23-Ser328&Ala21-Pro189 is expressed with a Fc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

#### Target Details

Target:	IL23
Alternative Name:	Interleukin-23/IL-23 ( <a href="#">IL23 Products</a> )
Background:	Background: Interleukin 23 (IL-23) is a heterodimeric cytokine composed of two disulfide-linked subunits, a p19 subunit that is unique to IL-23, and a p40 subunit that is shared with IL-12. The p19 subunit has homology to the p35 subunit of IL-12, as well as to other single chain cytokines

## Target Details

such as IL-6 and IL-11. The p40 subunit is homologous to the extracellular domains of the hematopoietic cytokine receptors. Although p19 is expressed by activated macrophages, dendritic cells, T cells, and endothelial cells, only activated macrophages and dendritic cells express p40 concurrently to produce IL-23. IL-23 has biological activities that are similar to, but distinct from IL-12. Both IL-12 and IL-23 induce proliferation and IFN-gamma production by human T cells. While IL-12 acts on both naive and memory human T cells, the effects of IL-23 is restricted to memory T cells.

Synonym: SGRF, IL-23p19, CLMF p40, IL-12 subunit p40, NKSF2

Molecular Weight: 81.3 kDa

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

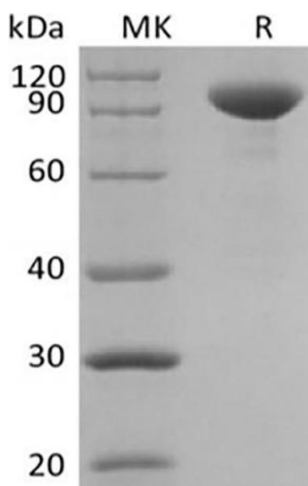
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Images



### Western Blotting

Image 1.