

**IL-23R (C-6His), Human, Recombinant****Cat. No. : GPCK152****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Gly24-Asp353
检索号	AAM44229.1
标签	C-6His
分子量	38.7 kDa
有效期	12 months
生物活性	Immobilized Human IL-23R-His at 5 µg/mL (100 µL/well) can bind Human IL-23-Fc. The ED50 of Human IL-23-Fc is 0.187 µg/mL.

**产品特性**

内毒素 (EU/µg)	< 0.1
保存	Lyophilized protein should be stored at -5~-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 -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**背景介绍**

Interleukin 23 Receptor (IL23R) is a type I Cytokine Receptor for IL23. IL23 Receptor complex is comprised of two subunits, the IL12Rβ1 subunit, which is shared with several Cytokines, and a subunit that is unique to IL-23. IL23, after binding to IL23R, activates memory T cells and mediates pro-inflammatory activities in part by the production of IL17 through activation of TH17 lymphocytes. IL23R is expressed on T cells, NK cells, dendritic cells, and macrophages. In fact, polymorphisms of the IL23R gene were reported to be associated with susceptibility to inflammatory diseases and autoimmune diseases such as psoriasis, multiple sclerosis, Graves's opthalmopathy and inflammatory bowel diseases. The IL23R is known to be critically involved in the carcinogenesis of different malignant tumor.

