

Recombinant Mouse IL-23 Receptor/IL-23R Protein(C-Fc)

Cat.NO.: TP05058

3th Edition

Synonyms:Interleukin-23 receptor; IL23r; IL-23 receptor; IL-23R; interleukin 23 receptor

Description:Interleukin 23 receptor (IL23R), a heterodimer of the IL12 receptor $\alpha 1$ (IL12R $\alpha 1$) and IL12R $\alpha 2$, is a type I cytokine receptor for IL23. IL23R is comprised of two subunits, the IL12R $\alpha 1$ 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 ophthalmopathy and inflammatory bowel diseases. The IL23R is known to be critically involved in the carcinogenesis of different malignant tumor.

Form:PBS

Molecular Weight:67.3 kDa

Sequences:Gly24-Asp372

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.