

RPCB0713

Product Information

Product SKU:	RPCB0713	Gene ID:	209590	Size:	10µg
Tag:	C-Fc	Reactivity:	Mouse		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q8K4B4
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Interleukin 23 receptor (IL23R), a heterodimer of the IL12 receptor β 1 (IL12R β 1) and IL12R β 2, is a type I cytokine receptor for IL23. IL23R is comprised of two subunits, the IL12R β 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.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse IL-23R Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.