

**Recombinant Mouse Interleukin-7 receptor subunit alpha Protein**

**Cat.NO.: TP05019**

3th Edition

**Synonyms:**Interleukin-7 receptor subunit alpha; Il7r; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CD127

**Description:**Interleukin 7 Receptor alpha (IL-7R $\alpha$ ), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7R $\alpha$  is majorly expressed on T cells and their precursors, and early in B cell development as well, prior to the appearance of surface IgM. Dynamic regulation of IL-7R $\alpha$  is important for the generation of appropriate immune responses.

**Form:**PBS

**Molecular Weight:**52.1 kDa

**Sequences:**Met 1-Asp 239

**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.