

## 32-8645: Recombinant Mouse IL-7 Receptor Subunit $\alpha$ /IL-7RA/CD127(C-Fc)

**Gene :** Il7r  
**Gene ID :** 16197  
**Uniprot ID :** P16872

### Description

Source: Human Cells.  
MW :52.1kD.

Recombinant Mouse Interleukin-7 receptor alpha is produced by our Mammalian expression system and the target gene encoding Glu21-Asp239 is expressed with a Fc tag at the C-terminus. Interleukin 7 Receptor alpha (IL-7Ra), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7Ra 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-7Ra is important for the generation of appropriate immune responses.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** ESGNAQDGDLEDADADDHSFWCHSQLEVDGSQLLTCAFNDSDINTANLEFQICGALLRVKCLTLNKLQDIYF  
IKTSEFLIGSSNICVKGQKNTCKNMAINTIVKAEAPSDLKVYRKEANDFLVTFNAPHLKKYLKKVKHVDVAY  
RPARGESNWITHVSLFHTRTTIPQRKLRPKAMYEIKVRSIPHNDYFKGFWSEWSPSSTFETPEPKNQGGWDVDD  
IEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPVTCVVVDVSHEDPEVKFNWYVDGVE  
VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPVYTLPPSREE  
MTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVVFSCVMH  
EALHNHYTQKLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.