

## 32-8580: Recombinant Mouse Interleukin-21/IL-21

**Gene :** IL21  
**Gene ID :** 60505  
**Uniprot ID :** Q9ES17

### Description

Source: E.coli.  
MW :14.4kD.

Recombinant Mouse Interleukin-21 is produced by our E.coli expression system and the target gene encoding Pro25-Ser146 is expressed. Interleukin-21 also known as IL-21 is a protein that in mouse is encoded by the IL21 gene, belongs to the IL-15/IL-21 family. Interleukin-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cells and cytotoxic T cells that can destroy virally infected or cancerous cells. This cytokine induces cell division/proliferation in its target cells.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**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 :** MPDRLLIRLRHLIDIVEQLKIYENDLDPELLSAPQDVKGHCHEHAAFACFQKAKLKPSNPGNNKTFIIDLVAQLRRR  
LPARRGGKKQKHIKCPSCDSYEK RTPKEFLERLKWLLQKMIHQHLS

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.