

## 32-7842: Recombinant Human IL-18 Receptor Accessory Protein/IL-18RACP/IL-1R7 (C-6His)

**Gene :** IL18RAP  
**Gene ID :** 8807  
**Uniprot ID :** O95256

### Description

Source: Human Cells.  
MW :39.4kD.

Recombinant Human IL-18RACP is produced by our Mammalian expression system and the target gene encoding Phe20-Arg356 is expressed with a 6His tag at the C-terminus. IL-18RAP is a single-pass type I membrane protein and contains two Ig-like C2-type domains and one TIR domain, IL18RAP can be induced by IFN-alpha and IL12 in nature killer cells and T-cells. The coexpression of IL18R1 and IL18RAP is required for the activation of NF-kappa B and JNK in response to IL-18. Defects in IL18RAP are associated with Coeliac disease.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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 :** FNISGCSTKLLWYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPFMGSNLSDVQWYQQPSNGD  
PLEDIRKSYPHIIQDKCTLHFLTPGVNNSGSYICRPKMIKSPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLLG  
STGSISCPSLSCQSDAQSPAVTWYKNGKLLSVERSNRIVVDEYDYHQGTVCYDYSQSDTVSSWTVRAVVQV  
RTIVGDTKLPDILDPEVDTLEVELGKPLTISCKARFGFERVFNPKWYIKDSDLEWEVSVPEAKSIKSTLKDEIIE  
RNIILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKRVDDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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