

Product datasheet for **TP727131**

IL18 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-18/IL-18/IL-1F4
Species:	Human
Expression cDNA Clone or AA Sequence:	Tyr37-Asp193
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Interleukin-18 is produced by our E.coli expression system and the target gene encoding Tyr37-Asp193 is expressed.
Stability:	12 months from date of despatch
Locus ID:	3606
UniProt ID:	Q14116
Summary:	Interleukin-18 is a secreted protein and it belongs to the IL-1 family. IL-18 is a proinflammatory cytokine and produced by macrophages and other cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL-4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity. After stimulation with IL-18, natural killer (NK) cells and certain T cells release another important cytokine called interferon- $\hat{\beta}$ (IFN- $\hat{\beta}$) or type II interferon that plays an important role in activating the macrophages or other cells.



[View online »](#)