

## Product datasheet for **TP726127**

### IL18 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-18
Species:	Human
Expression cDNA Clone or AA Sequence:	M1-D193
Tag:	N-His
Buffer:	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.
Note:	Recombinant Human IL-18 is produced by our E. coli expression system and the target gene encoding M1-D193 is expressed with a His tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	3606
UniProt ID:	<a href="#">Q14116</a>
Summary:	Interleukin-18 (IL-18) is a secreted protein that belongs to the IL-1 family. IL-18 is a proinflammatory cytokine and can be expressed by multiple types of cells, including endothelial and epithelial cells, keratinocytes, gamma delta T cells, and phagocytes. This cytokine can modulate both innate and adaptive. Once binding to IL18R1 and IL18RAP, it can form a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators. The combination of IL-18 and IL-12 can induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells.



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