

## Product datasheet for **TP724748**

### Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-22(N297G) (C-hlgG1 Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala34-Ile 179
Tag:	C-hlgG1 Fc
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Note:	Recombinant Human IL-22(N297G) (C-hlgG1 Fc) is produced by Human Cells. The target gene encoding Ala34-Ile 179 is expressed with a C-hlgG1 Fc tag.
Stability:	12 months from date of despatch
Summary:	Interleukin-22 (IL22) is also known as cytokine Zcyto18, IL-10-related T-cell-derived-inducible factor (IL-TIF), which belongs to the IL-10 family or IL-10 superfamily (including IL-19, IL-20, IL-24, and IL-26), a class of potent mediators of cellular inflammatory responses. IL-22 is produced by activated DC and T cells and initiates innate immune responses against bacterial pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL-22 biological activity is initiated by binding to a cell-surface complex composed of IL-22R1 and IL-10R2 receptor chains and further regulated by interactions with a soluble binding protein IL-22BP. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10.



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