

## Product datasheet for **TP724746**

### Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human IL-22(N297G) (C-hlgG4P Fc)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Ala34-Ile 179
<b>Tag:</b>	C-hlgG4P Fc
<b>Buffer:</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Note:</b>	Recombinant Human IL-22(N297G) (C-hlgG4P Fc) is produced by Human Cells. The target gene encoding Ala34-Ile 179 is expressed with a C-hlgG4P Fc tag.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	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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