

## Product datasheet for **TP724655**

### IL22 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-22/IL-22 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	A34-I179
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.2
Note:	Recombinant Human Interleukin-22 is produced by Human 293 Cells. The target gene encoding A34-I179 is expressed with a 6His tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	50616
UniProt ID:	<a href="#">Q9GZX6</a>
Summary:	Interleukin-22 (IL22) is a cytokine that belongs to the IL-10 family or IL-10 superfamily, 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 initiated its biological activity 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 can contribute to immune disease through the stimulation of inflammatory responses, S1s and defensins. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut.



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