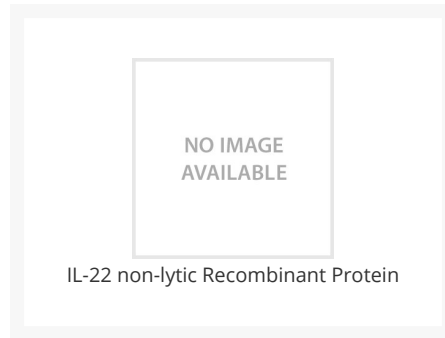




IL-22 non-lytic Recombinant Protein

Cat. No.: 90-522




Ψ Specifications

SPECIES:	Mouse
SOURCE SPECIES:	CHO cells
SEQUENCE:	The extracellular domain of mouse IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a.
FUSION TAG:	Fc Tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant proteins is for research use only.

Ψ Properties

PURITY:	>98% (SDS-PAGE). Endotoxin level is less than 0.1EU/ µg protein (LAL test; Lonza).
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from 0.2µm-filtered solution in PBS. Reconstitute in 50 µl sterile water. Add 1X PBS to the desired protein concentration.
STORAGE CONDITIONS:	Stable for at least 1 year after receipt when stored at -20 °C. Working aliquots are stable for up to 3 months when stored at -20 °C.

OFFICIAL SYMBOL:	Il22
ALTERNATE NAMES:	Interleukin-22, IL-10-related T Cell-derived-inducible Factor
ACCESSION NO.:	NP_058667
PROTEIN GI NO.:	8393605
GENE ID:	50929

 Background and References

BACKGROUND:	<p>Interleukin-22 (IL-22), also known as IL-10 related T cell derived inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R (CRF29) and IL-10Rbeta (CRF24), belonging to the class II cytokine receptor family.</p>
--------------------	---

ANTIBODIES FOR RESEARCH USE ONLY.

For additional information, visit ProSci's [Terms & Conditions Page](#).