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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human IL22 (ECD) protein, human IgG1 Fc tag (non-lytic) (active)

Cat. No. GTX03263-pro

Application	Functional Assay
Species	Human

Package

50 µg

APPLICATION

Application Note

Functional assay: Shows the biological function of the IL-22 moiety and exerts a prolonged circulating half-life caused by the modified (Non-lytic) Fc domain. Non-lytic: Acts as a long lasting fusion protein which only binds to the receptor. Mutations to the complement (C1q) and FcγR I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC).

Observed MW	46 kDa.
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PROPERTIES

Form	Lyophilized powder
Buffer	Reconstitute with 50 µg vial in 50 µl sterile water. Add 1x PBS to the desired protein concentration. Lyophilized from 0.2µm-filtered solution in PBS.
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Region/Sequence	The extracellular domain of human IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of a mutant human IgG1.
Expression System	CHO Cells
Purity	> 95% by SDS-PAGE
Endotoxin	<1.0 EU per mg (determined by the LAL method)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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