Human IL2 (Superkine) protein, human IgG2 Fc tag (active)

Cat. No. GTX65631-pro

Applications	Functional Assay
Species	Human

Package
10 µg

Applications

Application Note

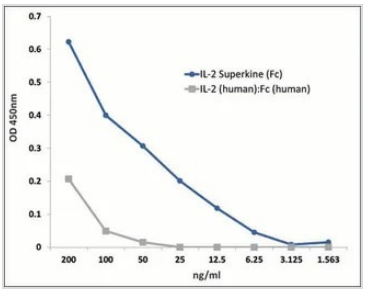
Functional assay: Triggers far greater antitumor responses than native IL-2 in vivo but with lower toxicity.

Product Note	Binds to human and mouse IL-2R.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with 100µl ddH_2O to 0.1mg/ml. Lyophilized from 0.2µm-filtered PBS.
Preservative	No preservatives
Storage	Store at -20ºC or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	The extracellular domain of human IL-2 superkine (a.a. 21-153) (mutant H9 containing the mutations L80F / R81D / L85V / I 86V / I92F) is fused at the C-terminus to the Fc portion of human IgG2.
Expression System	HEK293 cells
Purity	??95% by SDS-PAGE.
Endotoxin	< 0.01 EU/µg
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



GTX65631-pro Image

Binding of GTX65631-pro IL2 (Superkine) human Fc fusion protein to IL-2Rβ (human) is increased >10 fold compared to IL-2 human Fc fusion protein. Method: IL-2Rβ (human) protein was coated on an ELISA plate at 1µg/ml. After blocking and washing steps, indicated concentrations of GTX65631-pro IL-2 Superkine (Fc) or IL-2 (Fc) protein were added. Following incubation for 1 h at RT, the binding was detected using an anti-human Fc antibody (HRP).

For full product information, images and publications, please visit our website.

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