

# Human IL13 Variant protein (active)

**Cat. No. GTX48415-pro**

**Applications** Functional Assay

**Species** Human

**Package**

10 µg

## Applications

### Application Note

This IL-13 analog shows a two fold increase, relative to wild type IL-13, in bioactivity as measured by the in-vitro dose dependent activation of STAT6 and IL-13 dependent gene induction in transfected A201.1 cells. This analog has also been shown to exhibit increased in vivo activity compared to wild type IL-13, as measured by the induction of airway hyper-responsiveness.

## Properties

**Form** Lyophilized powder

**Buffer** Batch dependent (please contact us for details)

**Storage** Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.

**Region/Sequence** MSPGPVPPST ALRELIEELV NITQNQKAPL CNGSMVWSIN LTAGMYCAAL ESLINVSGCS AIEKTQRMLS GFCPHKVSAG QFSSLHVRDT KIEVAQFVKD LLLHLKKLFR EGQFN

**Expression System** E. coli

**Purity** > 98% by SDS-PAGE and HPLC.

**Endotoxin** < 1 EU/µg

**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.

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