



Recombinant Protein Technical Manual

Recombinant Human IFNGR1 Protein (His Tag)

RPES4121

Product Data:

Product SKU: RPES4121

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P15260

Protein Information:

Molecular Mass: 28.7 kDa

AP Molecular Mass: 40-50 kDa

Tag: C-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: CD119;IFNGR;IMD27A;IMD27B;Interferon gamma receptor 1;IFNGR1

Immunogen Information:

Sequence: Glu18-Ser245

Background:

Interferon gamma receptor 1(IFNGR1) encoded by the IFNGR1 gene, is a single-pass type 1 membrane protein which belongs to the type II cytokine receptor family. IFNGR1 is phosphorylated at Ser/Thr residues after translation. IFNGR1 is a receptor for interferon gamma, two receptors bind one interferon gama dimer. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.