

Recombinant Human IFNGR1 Protein (His Tag)

Catalog No. PKSH033429

Note: Centrifuge before opening to ensure complete recovery of vial contents.

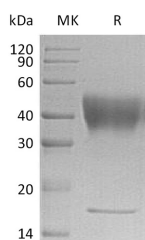
Description

Synonyms	CD119;IFNGR;IMD27A;IMD27B;Interferon gamma receptor 1;IFNGR1
Species	Human
Expression Host	HEK293 Cells
Sequence	Glu18-Ser245
Accession	P15260
Calculated Molecular Weight	26.8 kDa
Observed molecular weight	40-50 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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, pH 7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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 gamma 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.

For Research Use Only