Product Name: Recombinant Rhesus Macaque IFNAR1 (C-6His)
Catalog #: PHV1974

Summary

Name	IFNAR1/Interferon alpha/beta receptor 1/IFN alpha/beta R1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Rhesus Macaque Interferon Alpha/Beta Receptor 1 is produced by our Mammalian expression system and the target gene encoding Ala25-Lys437 is expressed with a 6His tag at the C-terminus.
Accession #	XP_005548864.1
Host	Human Cells
Species	Rhesus macaque
Predicted Molecular Mass	48.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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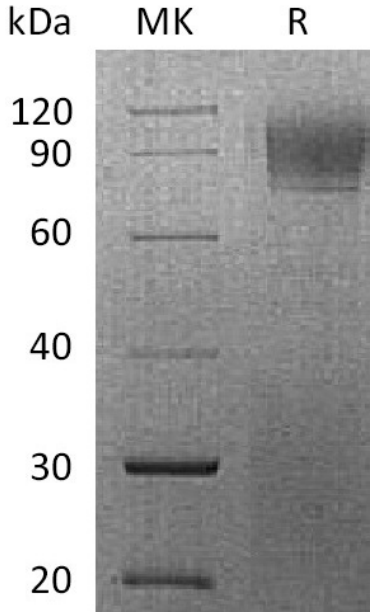

Alternative Names

alpha-type antiviral protein; AVP; beta-type antiviral protein; CRF2-1; Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; human interferon-alpha receptor (HuIFN-alpha-Rec)10IFRC; IFN-alpha/beta R1; IFN-alpha/beta receptor 1; IFN-alpha-REC; IFNAR; IFNAR1; IFN-aR1; IFNBR; IFNbR1; IFN-bR1; IFN-R-1

Background

Interferon-alpha/beta receptor 1 (IFN- alpha / beta R1), also known as IFNAR1, are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266B1. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R. It interacts with STAT1 and STAT2, the interaction requires its phosphorylation at Tyr-466. It also interacts with FBXW11, the substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex.

Note

For Research Use Only , Not for Diagnostic Use.