



# Recombinant Human Interferon alpha/beta receptor 2 (IFNAR2), partial

<b>Product Code</b>	CSB-EP011047HU
<b>Relevance</b>	Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 is a potent inhibitor of type I IFN receptor activity.
<b>Abbreviation</b>	Recombinant Human IFNAR2 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P48551
<b>Alias</b>	Interferon alpha binding protein;Type I interferon receptor 2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	ISYDSPDYTDESCTFKISLRNFRSILSWELKNHSIVPTHYTLTYTIMSKPEDLKVV KNCANTTRSFCDLTDEWRSTHEAYVTVLEGFSGNTTLFSCSHNFWLAIDMSFE PPEFEIVGFTNHINVMVKFPSIVEEELQFDLSLVIEEQSEGIVKKHKPEIKGNMS GNFTYIIDKLIPNTNYCVSVYLEHSDEQAVIKSPLKCTLLPPGQESESAESAK
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	IFNAR2
<b>Expression Region</b>	27-243aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	40.8kDa
<b>Protein Length</b>	Extracellular Domain
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Unlock the potential of your epigenetics and nuclear signaling research with our premium Recombinant Human IFNAR2 protein, a vital component of the type I interferon receptor. IFNAR2 plays a critical role in immune regulation and antiviral response, making it an essential protein in the study of the interferon signaling pathway and related immune system disorders.

Our Recombinant Human IFNAR2 protein features the extracellular domain (27-243 amino acids) to ensure optimal bioactivity and receptor binding. Expressed in *E. coli*, this protein comes with a convenient N-terminal 6xHis-SUMO tag for efficient purification and detection without compromising its native structure or function. With a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human IFNAR2 protein delivers accurate and reliable results to support your research endeavors. Choose from liquid or lyophilized powder forms to best suit your experimental needs.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

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