

# Recombinant Human EPOR and JAK2 Fusion Protein, His/FLAG-tagged

**Cat. No.** JAK2-36H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Complex of Human EPOR, also known as Erythropoietin receptor, GenBank Accession No. NM_000121, a.a. 273-338 with N-terminal His-tag, MW=9 kDa, and JAK2, also known as Janus Kinase 2, with V617F, Y1007F and Y1008F mutations, GenBank Accession No. NM_004972, a.a. 36-1132(end), with N-terminal FLAG-tag, MW=128 kDa. The proteins were expressed as single fusion protein with a (GSSG) <sub>6</sub> linker in a Baculovirus infected Sf9 cell expression system.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	EPOR: 273-338, JAK2: 36-1132(end)
<b>Form</b>	Aqueous buffer solution
<b>Molecular Mass</b>	EPOR: 9 kDa, JAK2: 128 kDa
<b>Purity</b>	89%
<b>Storage</b>	At least 6 months at -80 centigrade.
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 10% glycerol, 3 mM DTT.

## GENE INFORMATION

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<b>Gene Name</b>	JAK2 Janus kinase 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	JAK2
<b>Synonyms</b>	JAK2; Janus kinase 2; JTK10; tyrosine-protein kinase JAK2; JAK-2; Janus kinase 2 (a protein tyrosine kinase); EC 2.7.10.2; jak; jh1
<b>Gene ID</b>	3717
<b>mRNA Refseq</b>	NM_004972
<b>Protein Refseq</b>	NP_004963
<b>MIM</b>	147796
<b>UniProt ID</b>	O60674
<b>SDS-PAGE</b>	

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