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

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

SPECIFICATION

Product Overview	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)6 linker in a Baculovirus infected Sf9 cell expression system.
Species	Human
Source	Insect Cells
ProteinLength	EPOR: 273-338, JAK2: 36-1132(end)
Form	Aqueous buffer solution
Molecular Mass	EPOR: 9 kDa, JAK2: 128 kDa
Purity	89%
Storage	At least 6 months at –80 centigrade.
Storage Buffer	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 10% glycerol, 3 mM DTT.

GENE INFORMATION

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Gene Name	JAK2 Janus kinase 2 [Homo sapiens (human)]
Official Symbol	JAK2
Synonyms	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
Gene ID	3717
mRNA Refseq	NM_004972
Protein Refseq	NP_004963
MIM	147796
UniProt ID	O60674
SDS-PAGE	

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