

Recombinant Human JAK1 protein, Flag-tagged, Biotinylated

Cat. No. JAK1-56H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human JAK1, catalytic domain [850-1154(end) amino acids of accession number NP_002218.2] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	850-1154 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	39 kDa
Purity	>85% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	JAK1 Janus kinase 1 [Homo sapiens]
Official Symbol	JAK1

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Synonyms	JAK1; Janus kinase 1; JAK1B; tyrosine-protein kinase JAK1; JAK1A; JTK3;
Gene ID	3716
mRNA Refseq	NM_002227
Protein Refseq	NP_002218
MIM	147795
UniProt ID	P23458
Chromosome Location	1p32.3-p31.3
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
Function	ATP binding; growth hormone receptor binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; protein tyrosine kinase activity;