

Active Recombinant Human JAK3 Protein, Flag tagged

Cat. No. JAK3-03H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant JAK3 (781-1124) protein that includes amino acids 781-1124 of human JAK3 protein (accession number NP_000206.2) was expressed in a baculovirus expression system, and contains an N-terminal FLAG tag.
Species	Human
Source	Insect Cells
ProteinLength	781-1124 aa
Description	The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).
Form	25 mM HEPESNaOH pH 7.5, 500 mM NaCl, 10% glycerol, 0.04% Triton X-100, and 0.5 mM TCEP.
Molecular Mass	39.8 kDa
Purity	> 80%
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80

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centigrade to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

GENE INFORMATION

Gene Name	JAK3 Janus kinase 3 [Homo sapiens (human)]
Official Symbol	JAK3
Synonyms	JAK3; Janus kinase 3; tyrosine-protein kinase JAK3; JAK 3; JAK3_HUMAN; JAKL; L JAK; leukocyte Janus kinase; LJAK; tyrosine protein kinase JAK3; Janus kinase 3 (a protein tyrosine kinase, leukocyte); JAK-3; L-JAK
Gene ID	3718
mRNA Refseq	NM_000215
Protein Refseq	NP_000206
MIM	600173
UniProt ID	P52333

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