Active Recombinant Human JAK3 Protein, His tagged

Cat. No. JAK3-04H **Lot. No.** (See product label)

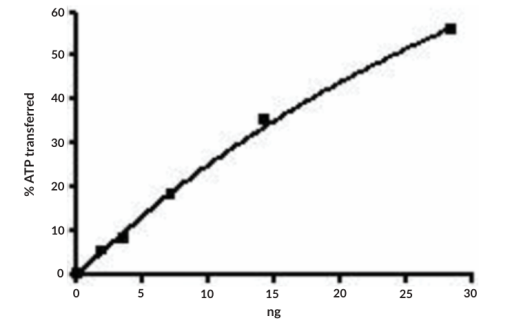
SPECIFICATION

Product Overview	Active recombinant human N-terminal His-tagged JAK3 kinase domain (811-1124 aa) expressed in insect cells (Sf9).
Species	Human
Source	Insect Cells
ProteinLength	811-1124 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	40 mM Tris-HCl, pH 8.0, with 110 mM sodium chloride, 2.2 mM potassium chloride, 3 mM DTT, 20% glycerol, and 200 mM imidazole
Molecular Mass	37 kDa
Purity	≥90% estimated by SDS-PAGE
Storage	At -80 centigrade, Stability ≥ 6 months

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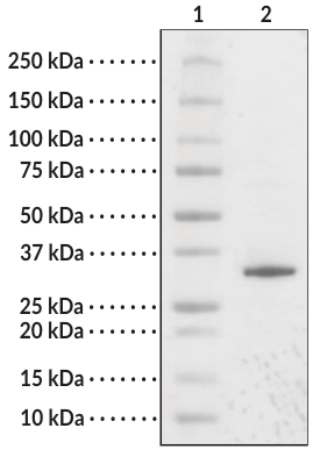
Shipping	Dry ice in continental US; may vary elsewhere

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
Activity	

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SDS-PAGE



Lane 1: MW Markers
Lane 2: JAK3 Kinase Domain

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