

Janus Kinase 3 (JAK3) Recombinant Protein | JAK3 recombinant protein

Recombinant Janus Kinase 3 (JAK3)

CATALOG # AAA134008	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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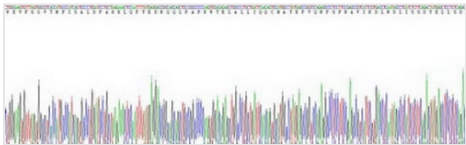
PRODUCT SYNONYMS

Janus Kinase 3 (JAK3); Recombinant Janus Kinase 3 (JAK3); JAK3 recombinant protein

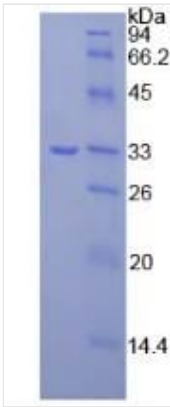
PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for JAK3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Trp716~Asp967
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	8.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequencing
Gene Sequencing (Extract)



SDS-PAGE

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WEVFS  GVTMPISALD  PAKKLQFYED  RQQLPAPKWT
ELALLIQQM AYEPVQRPSPF RAVIRDNLNSL ISSDYELLSD  PTPGALAPRD
GLWNGAQLYA CQDPTIFEER HLKYISQLGK  GNFGSVELCR  YDPLGDNRTGA
LVAVKQLQHS GPDQQQDFQR EIQLKALHS  DFIVKYRGVS  YGPGRQSLRL
VMEYLPSCGL RDFLQHRHR  LDASRLLLYS  SQICKGMEYL  GSRRRCVHRDL
AARNILVESE AHVKIAD
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	47157315
NCBI GeneID	3718
NCBI Accession #	NP_000206.2
NCBI GenBank Nucleotide #	NM_000215.3
UniProt Accession #	P52333; Q13259; Q13260; Q13611; Q99699; Q9Y6S2
Molecular Weight	Predicted Molecular Mass: 32.3kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	tyrosine-protein kinase JAK3
NCBI Official Synonym Full Names	Janus kinase 3
NCBI Official Symbol	JAK3
NCBI Official Synonym Symbols	JAKL; LJAK; JAK-3; L-JAK; JAK3_HUMAN
NCBI Protein Information	tyrosine-protein kinase JAK3; leukocyte Janus kinase; Janus kinase 3 (a protein tyrosine kinase, leukocyte)
UniProt Protein Name	Tyrosine-protein kinase JAK3
UniProt Gene Name	JAK3
UniProt Synonym Gene Names	JAK-3; L-JAK
UniProt Entry Name	JAK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.