



# Recombinant Mouse Tyrosine-protein kinase JAK3 (Jak3), partial

<b>Product Code</b>	CSB-BP717252MO
<b>Abbreviation</b>	Jak3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q62137
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LKYISLLGKGNFGSVELCRYDPLGDNTGPLVAVKQLQHSGPDQQRDFQREIQI LKALHSDFIVKYRGVSYGPGRQSLRLVMEYLPSCGLRDFLQRHRARLHTDRLL LFAWQICKGMEYLGARRCVHRDLAARNILVESEAHVKIADFGLAKLLPLGKDYY VVREPGQSPIFWYAPESLSDNIFSRQSDVWSFGVVLYELFTYCDKSCSPSAEF LRMMGPeregppLCRLLELLAEGRRLLPPPPTCPTEVQELMQLCWAPSPHDP AFGTLSPQLDALWRGRPG
<b>Research Area</b>	Others
<b>Source</b>	Baculovirus
<b>Target Names</b>	Jak3
<b>Protein Names</b>	Recommended name: Tyrosine-protein kinase JAK3 EC= 2.7.10.2 Alternative name(s): Janus kinase 3 Short name= JAK-3
<b>Expression Region</b>	818-1100aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	This protein 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).
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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