



# Creative Enzymes

Diagnostic Enzymes

## Human JAK2 Protein (HIS-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-317
<b>Specification</b>	5µg(min)
<b>Description</b>	The catalytic domain of human JAK2 was produced as an N-terminally His-tagged protein 39 kDa using a baculovirus expression system. The His-tagged JAK2 was isolated by sequential Ni-NTA affinity and gel filtration chromatography.
<b>Applications</b>	For use as a positive control in JAK2 mutation detection assays for myeloproliferative neoplasm diagnosis.
<b>Synonyms</b>	JAK2, JTK10, THCYT3
<b>Source</b>	Insect (sf21)
<b>Molecular Weight</b>	39 kDa
<b>Class</b>	Non-Receptor Tyrosine Kinase
<b>Group</b>	TK
<b>Family</b>	JakA
<b>Gene Name</b>	JAK2   Janus kinase 2
<b>Sequence</b>	826-1132 (end)
<b>Accession Number</b>	NP_004963.1
<b>Tag</b>	HIS-Tag
<b>Tag Location</b>	N-terminal His
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.1% CHAPS, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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