

Recombinant Human JAK2 (E596A, V617F, W659A, W777A, F794H) Protein, His tagged

Cat. No. JAK2-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JAK2 (JH2 Domain) (E596A, V617F, W659A, W777A, F794H) Protein with His tag was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	536-812 aa (E596A, V617F, W659A, W777A, F794H)
Form	Sterile 50mM Tris, pH8.0, 200mM NaCl, 10% Glycerol, 2mM DTT
Molecular Mass	32 kDa
AASequence	MVFHKIRNEDLIFNESLGQGTFTKIFKGVRRREVG DYGQLHETEVLLKVLDKAHRNYS ESFFAAASMM SKLSHKHLVLNYGVCFCGDENILVQEFVKFGSLDTY LKKNKNCINIL WKLEVAKQLAAAMHFLEENTLIHGNVCAKNILLIREEDRKTGNPPFIKLSDPGISITVLP KDILQERIPWVPPECIENPKNLNLATDKWSFGTTLWEICSGGDKPLSALDSQRKLQF YEDRHQLPAPKAAELANLINNCMDYEPDHRPSFRAIIRDLNSLFTPDHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.36 mg/mL by Bradford

GENE INFORMATION

Gene Name JAK2 Janus kinase 2 [Homo sapiens (human)]

Official Symbol JAK2

Synonyms JAK2; Janus kinase 2; tyrosine-protein kinase JAK2; JTK10; JAK-2; Janus kinase 2 (a protein tyrosine kinase); THCYT3

Gene ID 3717

mRNA Refseq NM_004972

Protein Refseq NP_004963

MIM 147796

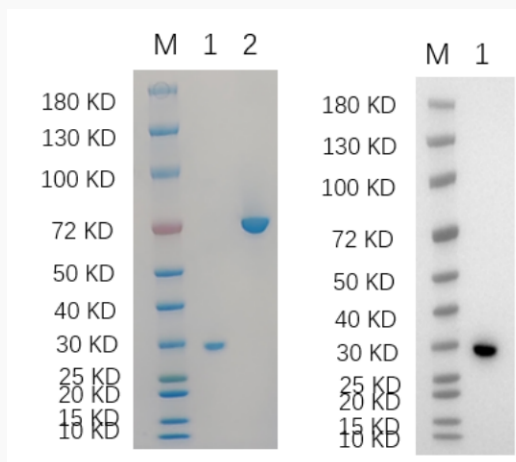
UniProt ID O60674

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified JAK2. 1. JAK2 2. BSA

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