# Recombinant Human STAT4 Protein (Tyr505-Ile737), His tagged

**Cat. No.** STAT4-6363H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant human STAT4 (Tyr505-Ile737) fused with His tag was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Tyr505-Ile737 |
| **Description** | High expression of STAT4 in gastric cancer predicted a better clinical outcome. STAT4 might be a useful biomarker to identify patients at high risk of recurrence after gastrectomy. Genetic variants in the transcription factor STAT4 are associated with increased susceptibility to systemic lupus erythematosus (SLE) and a more severe disease phenotype. |
| **Form** | Lyophilized powder/frozen liquid |
| **Molecular Mass** | 27.14 kDa |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Notes** | For research use only. |
| **Storage** | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 |

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| | centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| **Storage Buffer** | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5. |
| **Reconstitution** | Reconstitute in sterile water for a stock solution. |
| **Shipping** | They are shipped out with dry ice/blue ice unless customers require otherwise. |

## GENE INFORMATION

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| **Gene Name** | STAT4 signal transducer and activator of transcription 4 [ Homo sapiens (human) ] |
| **Official Symbol** | STAT4 |
| **Synonyms** | STAT4; signal transducer and activator of transcription 4; |
| **Gene ID** | 6775 |
| **mRNA Refseq** | NM_001243835 |
| **Protein Refseq** | NP_001230764 |
| **MIM** | 600558 |
| **UniProt ID** | Q14765 |

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