

Product datasheet for **KN204351BN**

TYK2 Human Gene Knockout Kit (CRISPR)

Product data:

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|---------------|---|
| Product Type: | Knockout Kits (CRISPR) |
| Format: | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control |
| Donor DNA: | mBFP-Neo |
| Symbol: | TYK2 |
| Locus ID: | 7297 |
| Components: | <p>KN204351G1, TYK2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204351G2, TYK2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN204351BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p> |
| RefSeq: | NM_003331 |
| UniProt ID: | P29597 |
| Synonyms: | IMD35; JTK1 |
| Summary: | <p>This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also a component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with Immunodeficiency 35. [provided by RefSeq, Sep 2020]</p> |



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Product images:

