

## Recombinant Human ZNF100, His-tagged

Cat. No. ZNF100-7920H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Zinc Finger Protein 100/ZNF100 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1Lys109) of Human ZNF100 fused with a 6His tag at both the Nterminus and the Cterminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Zinc Finger Protein 100 (ZNF100) is part of the krueppel C2H2type zincfinger protein family. ZNF100 contains 12 C2H2type zinc fingers and 1 KRAB domain. ZNF100 is a DNAbinding protein domain consisting of zinc fingers. Zinc finger protein 100 occurs in nature as the part of transcription factors conferring DNA sequence specificity as the DNAbinding domain. Zinc finger proteins have also found use in protein engineering due to their modularity and have prospects as components of tools for use in therapeutic gene modulation and zinc finger nucleases.
<b>Form</b>	Supplied as a 0.2 µM filtered solution of 20mM TrisHCl, 200mM NaCl, 50mM Imidazole, 1mM ZnCl <sub>2</sub> , 30% Glycerol, pH 8.0
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Store at less than 20°C. stable for 6 months after receipt.Please minimize freezethaw cycles.

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**GENE INFORMATION**

<b>Gene Name</b>	ZNF100 zinc finger protein 100 [ Homo sapiens ]
<b>Official Symbol</b>	ZNF100
<b>Synonyms</b>	ZNF100; zinc finger protein 100; zinc finger protein 100 (Y1); FLJ44587;
<b>Gene ID</b>	163227
<b>mRNA Refseq</b>	NM_173531
<b>Protein Refseq</b>	NP_775802
<b>MIM</b>	603982
<b>UniProt ID</b>	Q8IYN0
<b>Chromosome Location</b>	19p13.1
<b>Pathway</b>	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem;
<b>Function</b>	DNA binding; metal ion binding; zinc ion binding;

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