Recombinant Human ZNF100, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
Description	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.
Form	Supplied as a 0.2 μM filtered solution of 20mM TrisHCl, 200mM NaCl, 50mM Imidazole, 1mM ZnCl2, 30% Glycerol, pH 8.0
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Store at less than 20°C. stable for 6 months after receipt.Please minimize freezethaw cycles.

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GENE INFORMATION

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

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