

# Recombinant Human ring finger protein 114, His-tagged

**Cat. No.** RNF114-504H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RNF114, 1-228aa Human, His tag, E.coli                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-228 a.a.                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | RNF114 contains 1 RING-type zinc finger. The protein is expressed in numerous tissues, including skin, CD4 lymphocytes and dendritic cells. It may play a role in spermatogenesis. Recombinant human RNF114 protein, fused to His-tag at N-terminus, was expressed in E.coli.                   |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 28.1kDa (251aa)                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMAAQQRD CGGAAQLAGP AAADPLGRF<br>TCPVCLEVYE KPVQVPCGHV FCSACLQECL KPKKPVCVGC RSALAPGVRA<br>VELERQIEST ETSCHGCRKN FFLSKIRSHV ATCSKYQNYI MEGVKATIKD<br>ASLQPRNVPN RYTFPCPYCP EKNFDQEGLV EHCKLFHSTD TKSVCPCICA<br>SMPWGDPNYR SANFREHIQR RHRFSYDTFV DYDVDEEDMM NQVLQRSIID Q |
| <b>Purity</b>           | >90% by SDS - PAGE                                                                                                                                                                                                                                                                              |

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| <b>Storage</b>             | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.             |
| <b>Concentration</b>       | 1 mg/ml (determined by Bradford assay)                                                                                                                         |
| <b>GENE INFORMATION</b>    |                                                                                                                                                                |
| <b>Gene Name</b>           | RNF114 ring finger protein 114 [ Homo sapiens ]                                                                                                                |
| <b>Official Symbol</b>     | RNF114                                                                                                                                                         |
| <b>Synonyms</b>            | RNF114; ring finger protein 114; zinc finger protein 313 , ZNF313; RING finger protein 114; PSORS12; zinc finger protein 228; zinc finger protein 313; ZNF313; |
| <b>Gene ID</b>             | 55905                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_018683                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_061153                                                                                                                                                      |
| <b>MIM</b>                 | 612451                                                                                                                                                         |
| <b>UniProt ID</b>          | Q9Y508                                                                                                                                                         |
| <b>Chromosome Location</b> | 20q13                                                                                                                                                          |
| <b>Function</b>            | metal ion binding; zinc ion binding;                                                                                                                           |