

## Recombinant Human RNF114 Protein (A2-Q228), GST tagged

Cat. No. RNF114-0431H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-TEV-GG-RNF114(A2-Q228 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	A2-Q228
<b>Description</b>	<p>E3 ubiquitin-protein ligase that promotes the ubiquitination of various substrates. In turn, participates in the regulation of many biological processes including cell cycle, apoptosis, osteoclastogenesis as well as innate or adaptive immunity. Acts as negative regulator of NF-kappa-B-dependent transcription by promoting the ubiquitination and stabilization of the NF-kappa-B inhibitor TNFAIP3. May promote the ubiquitination of TRAF6 as well. Acts also as a negative regulator of T-cell activation. Inhibits cellular dsRNA responses and interferon production by targeting MAVS component for proteasomal degradation. Ubiquitinates the CDK inhibitor CDKN1A leading to its degradation and probably also CDKN1B and CDKN1C. This activity stimulates cell cycle G1-to-S phase transition and suppresses cellular senescence. May play a role in spermatogenesis.</p>
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein

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<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

<b>Gene Name</b>	RNF114 ring finger protein 114 [ Homo sapiens (human) ]
<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

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