

## Recombinant Human ZNRF2, GST-tagged

Cat. No. ZNRF2-135H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ZNRF2 (amino acid residues 1-242), with N-terminal GST, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-242 a.a.
<b>Description</b>	The enzymes of the ubiquitylation pathway play a pivotal role in a number of cellular processes including the regulated and targeted proteasome-dependent degradation of substrate proteins. Three classes of enzymes are involved in the process of ubiquitylation; activating enzymes (E1s), conjugating enzymes (E2s) and protein ligases (E3s). Zinc and Ring Finger protein 2 (ZNRF2) is a member of the Really Interesting New Gene (RING) E3 protein ligase family and cloning of the human gene was first described by Araki et al. (2001).
<b>Form</b>	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
<b>Molecular Mass</b>	~50kDa
<b>Storage</b>	12 months at -70°C. Avoid multiple freeze/thaw cycles.
<b>Concentration</b>	0.5mg/ml

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	ZNRF2 zinc and ring finger 2 [ Homo sapiens ]
<b>Official Symbol</b>	ZNRF2
<b>Synonyms</b>	ZNRF2; zinc and ring finger 2; E3 ubiquitin-protein ligase ZNRF2; RNF202; protein Ells2; RING finger protein 202; zinc finger/RING finger 2; zinc/RING finger protein 2;
<b>Gene ID</b>	223082
<b>mRNA Refseq</b>	NM_147128
<b>Protein Refseq</b>	NP_667339
<b>MIM</b>	612061
<b>UniProt ID</b>	Q8NHG8
<b>Chromosome Location</b>	7p15.1
<b>Function</b>	ligase activity; metal ion binding; zinc ion binding;

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