Recombinant Human ZNRF2, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant human ZNRF2 (amino acid residues 1-242), with N-terminal GST, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-242 a.a.
Description	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).
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Molecular Mass	~50kDa
Storage	12 months at -70°C. Avoid multiple freeze/thaw cycles.
Concentration	0.5mg/ml

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GENE INFORMATION

Gene Name	ZNRF2 zinc and ring finger 2 [Homo sapiens]
Official Symbol	ZNRF2
Synonyms	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;
Gene ID	223082
mRNA Refseq	NM_147128
Protein Refseq	NP_667339
MIM	612061
UniProt ID	Q8NHG8
Chromosome Location	7p15.1
Function	ligase activity; metal ion binding; zinc ion binding;

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