

Recombinant Human RNF144B protein, Gst-His-tagged

Cat. No. RNF144B-013H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF144B fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates such as LCMT2, thereby promoting their degradation. Induces apoptosis via a p53/TP53-dependent but caspase-independent mechanism. However, its overexpression also produces a decrease of the ubiquitin-dependent stability of BAX, a pro-apoptotic protein, ultimately leading to protection of cell death; But, it is not an anti-apoptotic protein per se.
Form	25mM Tris,pH8.0,150mM NaCl,10% glycerol,1% Sarkosyl.
Molecular Mass	61.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Gene Name	ring finger protein 144B [Homo sapiens (human)]
Official Symbol	RNF144B
Synonyms	PIR2; IBRDC2; p53RFP; bA528A10.3; RNF144B;
Gene ID	255488
mRNA Refseq	NM_182757
Protein Refseq	NP_877434
UniProt ID	Q7Z419

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