

Recombinant Human RING1 Protein, His-tagged

Cat. No. RING1-2656H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human RING1 Protein (Met1-Lys406) with a N-His tag was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Met1-Lys406

Description This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4.

Form Freeze-dried powder

Molecular Mass Predicted Molecular Mass: 46.1 kDa
Accurate Molecular Mass: 43 kDa

Endotoxin <1.0 EU per 1g (determined by the LAL method).

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	RING1 ring finger protein 1 [Homo sapiens (human)]
Official Symbol	RING1
Synonyms	RING1; ring finger protein 1; E3 ubiquitin-protein ligase RING1; RNF1; polycomb complex protein RING1; really interesting new gene 1 protein; RING1A;
Gene ID	6015
mRNA Refseq	NM_002931
Protein Refseq	NP_002922

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MIM	602045
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UniProt ID	Q06587
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