

Recombinant Human RNF128 Protein, His-tagged

Cat. No. RNF128-2658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF128 Protein (Ala39-Ser207) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala39-Ser207
Description	The protein encoded by this gene is a type I transmembrane protein that localizes to the endocytic pathway. This protein contains a RING zinc-finger motif and has been shown to possess E3 ubiquitin ligase activity. Expression of this gene in retrovirally transduced T cell hybridoma significantly inhibits activation-induced IL2 and IL4 cytokine production. Induced expression of this gene was observed in anergic CD4(+) T cells, which suggested a role in the induction of anergic phenotype. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.9 kDa Accurate Molecular Mass: 22 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	RNF128 ring finger protein 128, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	RNF128
Synonyms	RNF128; ring finger protein 128, E3 ubiquitin protein ligase; ring finger protein 128; E3 ubiquitin-protein ligase RNF128; FLJ23516; GRAIL; gene related to anergy in lymphocytes protein;
Gene ID	79589
mRNA Refseq	NM_024539
Protein Refseq	NP_078815

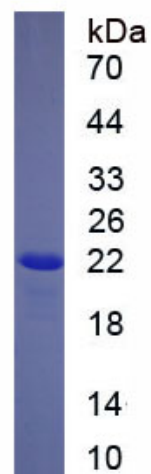
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MIM 300439

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