Recombinant Human RNF11 Protein (G2-N154), Tag Free

Cat. No. RNF11-0459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-RNF11(G2-N154 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	G2-N154
Description	Essential component of a ubiquitin-editing protein complex, comprising also TNFAIP3, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. Promotes the association of TNFAIP3 to RIPK1 after TNF stimulation. TNFAIP3 deubiquitinates 'Lys-63' polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. Recruits STAMBP to the E3 ubiquitin-ligase SMURF2 for ubiquitination, leading to its degradation by the 26S proteasome.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	RNF11 ring finger protein 11 [Homo sapiens (human)]
Official Symbol	RNF11
Synonyms	RNF11; ring finger protein 11; RING finger protein 11; CGI 123; MGC51169; Sid1669p; CGI-123; SID1669;
Gene ID	26994
mRNA Refseq	NM_014372
Protein Refseq	NP_055187
MIM	612598
UniProt ID	Q9Y3C5

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