Recombinant Human RNF11 Protein (2-154 aa), His-tagged

Cat. No. RNF11-2753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF11 Protein (2-154 aa) is produced by Baculovirus expression system. This protein is fused with a 9xHis tag at the C-terminal. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Insect Cells
ProteinLength	2-154 aa
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	Tris-based buffer,50% glycerol
Molecular Mass	19.3 kDa
AA Sequence	GNCLKSPTSDDISLLHESQSDRASFGEGTEPDQEPPPPYQEQVPVPVYHPTPSQTR LATQLTEEEQIRIAQRIGLIQHLPKGVYDPGRDGSEKKIRECVICMMDFVYGDPIRFLP

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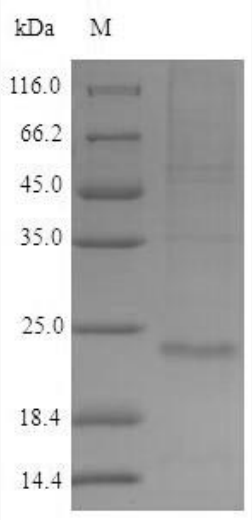
	CMHIYHLDCIDDWLMRSFTCPSCMEPVDAALLSSYETN
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	RNF11 ring finger protein 11 [Homo sapiens]
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

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UniProt ID	Q9Y3C5



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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