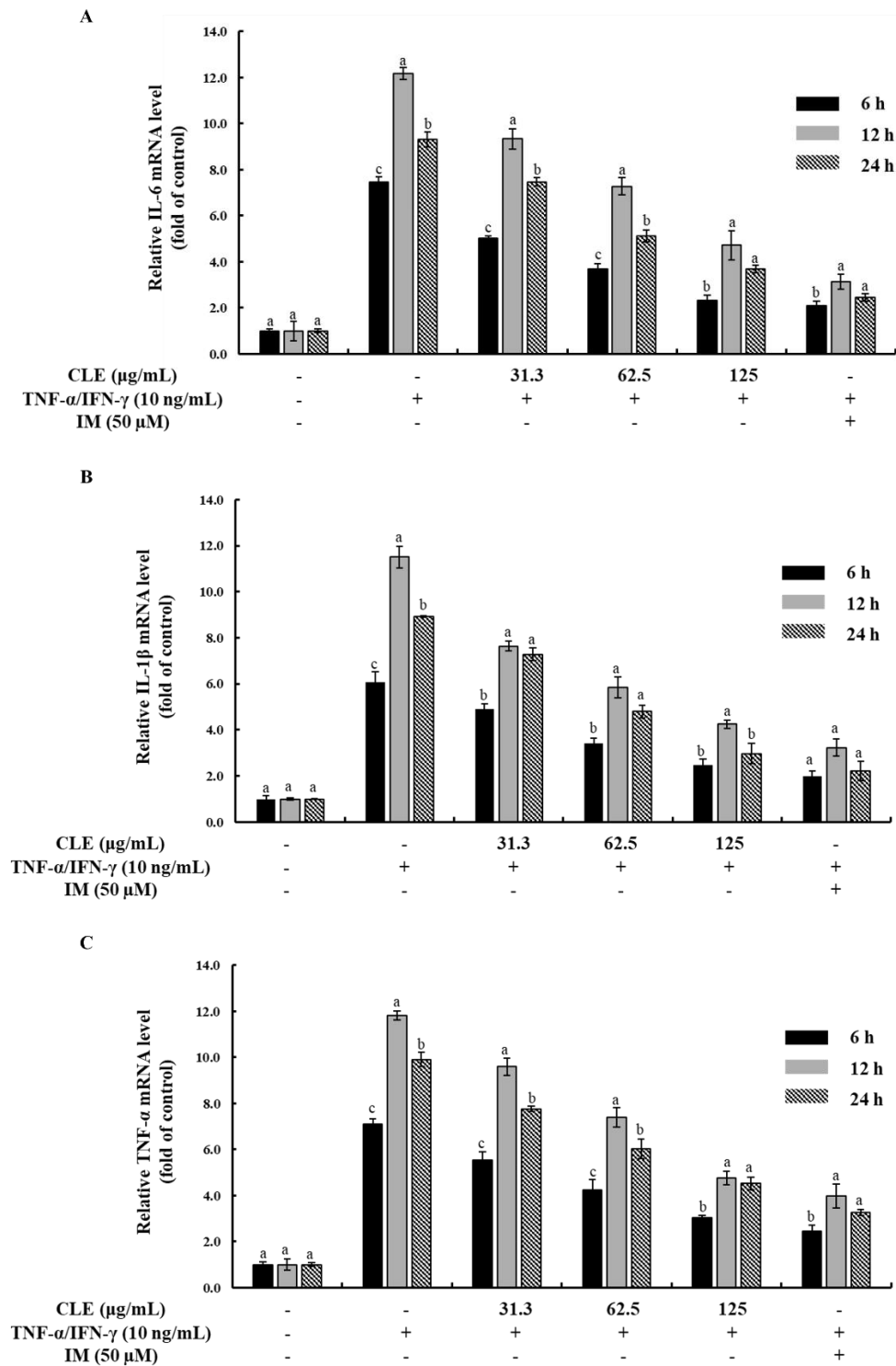


***Curcuma longa* L. leaf and pseudostem extract suppresses inflammation in cytokine-stimulated HaCaT keratinocytes and 12-O-tetradecanoylphorbol-13-acetate-induced ear edema in mice**

Supplementary Table 1. The primer sequences used for Real-time-quantitative polymerase chain reaction (RT-qPCR)

Target Gene		Primer Sequence (5' to 3' Direction)
TSLP	Forward	TAT GAG TGG GAC CAA AAG TAC CG
	Reverse	GGG ATT GAA GGT TAG GCT CTG G
IL-25	Forward	CTC AAC AGC AGG GCC ACT C
	Reverse	GTC TGT AGG CTG ACG CAG TGT G
IL-33	Forward	GAT GAG ATG TCT CGG CTG CTT G
	Reverse	AGC CGT TAC GGA TAT GGT GGT C
IL-6	Forward	GAT GGC TGA AAA AGA TGG ATG C
	Reverse	TGG TTG GGT CAG GGG TGG TT
IL-8	Forward	ACA CTG CGC CAA CAC AGA AAT TA
	Reverse	CAG GCA GTT GGG CAT TGG TG
IL-13	Forward	ACA CTG CGC CAA CAC AGA AAT TA
	Reverse	CAG GCA GTT GGG CAT TGG TG
TNF- α	Forward	GGC AGT CAG ATC ATC TTC TCG AA
	Reverse	GAA GGC CTA AGG TCC ACT TGT GT
IFN- γ	Forward	TCT TGG CTT TTC AGC TCT GCA TCG
	Reverse	GCT GGC GAC AGT TCA GCC ATC A
IL-1 β	Forward	TGT CCT GCG TGT TGA AAG ATG A
	Reverse	CAG GCA GTT GGG CAT TGG TG
MDC	Forward	AGG ACA GAG CAT GGC TCG CCT ACA GA
	Reverse	TAA TGG CAG GGA GGT AGG GCT CCT GA
RANTES	Forward	CCC CGT GCC GAG ATC AAG GAG TAT TT
	Reverse	CGT CCA GCC TGG GGA AGG TTT TTG TA

TARC	Forward	ACT GCT CCA GGG ATG CCA TCG TTT TT
	Reverse	ACA AGG GGA TGG GAT CTC CCT CAC TG
GAPDH	Forward	CGT CTA GAA AAA CCT GCC AA
	Reverse	TGA AGT CAA AGG AGA CCA CC



Supplementary Fig. 1. Effect of CLE on time-dependent mRNA expression of inflammatory cytokines. RT-qPCR analysis was used to evaluate the mRNA expression of (A) IL-6, (B) IL-1 β , and (C) TNF- α . HaCaT keratinocytes were stimulated with TNF- α /IFN- γ (final concentration of 10 ng/mL) for 6 h, 12 h, and 24 h before harvest. Relative mRNA expression levels were normalized to the control (unstimulated cells) and are presented as fold changes. Data are expressed as the mean $\pm$ SD from three independent experiments (n = 3). Error bars with different lowercase English letters represent significant differences ($p < 0.05$).