Recombinant Human ERFE Protein, His-tagged

Cat. No. ERFE-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERFE Protein (Ser29-Val354) is produced by E. coli expression system. This protein is fused with a His tag at the N-terminal. Predicted isoelectric point: 9.9.
Species	Human
Source	E.coli
ProteinLength	Ser29-Val354
Form	Freeze-dried powder. PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	Predicted Molecular Mass: 38.3kDa
AA Sequence	SPEPGAPSRSRARREPPPGNELPRGPGESRAGPAARPPEPTAERAHSVDPRDAW MLFVRQSDKFVNGKKRSRGKAKKLKFGLPGPPGPPGPQGPPGPIIPPEALLKEFQLL LKGAVRQRERAEPEPCTCGPAGPVAASLAPVSATAGEDDDDVVGDVLALLAAPLAP GPRAPRVEAAFLCRLRRDALVERRALHELGVYYLPDAEGAFRRGPGLNLTSGQYRA PVAGFYALAATLHVALGEPPRRGPPRPRDHLRLLICIQSRCQRNASLEAIMGLESSS ELFTISVNGVLYLQMGQWTSVFLDNASGCSLTVRSGSHFSAVLLGV
Endotoxin	<1.0EU per 1μg (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.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Synonyms	FAM132B; C1QTNF15; CTRP15; Myonectin; Family With Sequence Similarity 132, Member B; Complement C1q tumor necrosis factor-related protein 15;
	SDS-PAGE

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