

Recombinant Erythroferrone (ERFE) Instruction Manual

SIPU438Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	38.3kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser29~Val354 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SP EPGAPSRSRRA RREPPPGNEL  
PRGPGESRAG PAARPPPEPTA ERAHSVDPRD AWMLFVRQSD KGVNGKKRSR  
GKAKKLFGL PGPPGPPGPQ GPPGPIIPPE ALLKEFQLLL KGAVRQRERA  
EPEPCTCGPA GPVAASLAPV SATAGEDDDD VVGDLALLA APLAPGPRAP  
RVEAAFLCRL RRDALVERRA LHELGVVYLP DAEGAFRRGP GLNLTSQYR  
APVAGFYALA ATLHVALGEP PRRGPPRPRD HLRLLICIQS RCQRNASLEA  
IMGLESSSEL FTISVNGVLY LQMGWTSVF LDNASGCSLT VRSGSHFSAV  
LLGV
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°C 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.

Image



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.