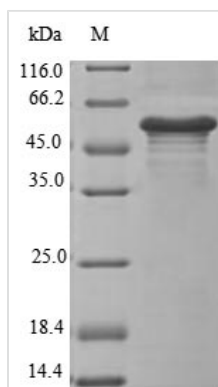




Recombinant Mouse Erythroferrone (Erfe)

Product Code	CSB-EP757647MO
Relevance	Iron-regulatory hormone that acts as an erythroid regulator after hemorrhage: produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores. Promotes lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake
Abbreviation	Recombinant Mouse Erfe protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6PGN1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	LGVPESEAEPVGTHARPQPPGAELPAPPANSPPEPTIAHAHSVDPRDAWMLFV KQSDKGINSKRRSKARRLKLGLPGPPGPPGPQGPPGPFIPSEVLLKEFQLLLK GAVRQRESHLEHCTRDLTTPASGSPSRVPAAQELDSQDPGALLALLAATLAQ GPRAPRVEAAFHCRLLRDVQVDRRALHELGIYYLPEVEGAHFHRGPGLNLTSG QYTAPVAGFYALAATLHVALTEQPRKGPTRPRDRLRLLCIQSLCQHNASLETV MGLENSSELFTISVNGVLYLQAGHYTSVFLDNASGSSLTVRSGSHFSAILLGL
Research Area	others
Source	E.coli
Target Names	Erfe
Protein Names	Recommended name: Erythroferrone Alternative name(s): Complement C1q tumor necrosis factor-related protein 15 Myonectin
Expression Region	25-340aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	53.9 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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