Recombinant Human HFE2 protein, His & T7-tagged

Cat. No. HFE2-2083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HFE2 aa. (Leu29~Ala401 (Accession # Q6ZVN8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu29~Ala401
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

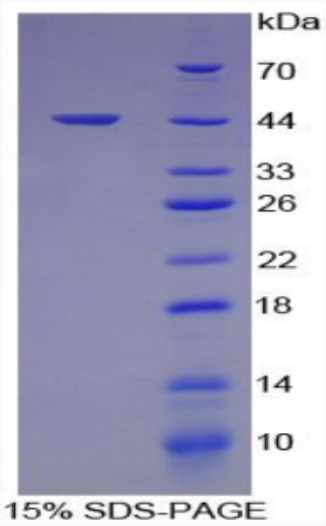
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	HFE2 hemochromatosis type 2 (juvenile) [Homo sapiens (human)]
Official Symbol	HFE2
Synonyms	Rgs9; regulator of G-protein signaling 9; RGS9-1; Rgs9-2; regulator of G-protein signaling 9; ROS GAP
Gene ID	148738
mRNA Refseq	NM_001316767.1
Protein Refseq	NP_001303696.1
UniProt ID	Q6ZVN8

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA