Recombinant Human HFE Protein, MYC/DDK-tagged

Cat. No. HFE-258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HFE, transcript variant 9, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

Gene Name	HFE hemochromatosis [Homo sapiens]
Official Symbol	HFE
Synonyms	HFE; hemochromatosis; hereditary hemochromatosis protein; high Fe; HLA H; MHC class I-like protein HFE; hereditary hemochromatosis protein HLA-H; HH; HFE1; HLA-H; MVCD7; TFQTL2; MGC103790; MGC:150812; dJ221C16.10.1; IMAGE:40125754;
Gene ID	3077
mRNA Refseq	NM_139009
Protein Refseq	NP_620578
MIM	613609
UniProt ID	Q30201

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