

Recombinant Human HFE protein, His&Myc-tagged

Cat. No. HFE-4467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HFE protein(Q30201)(23-306aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	23-306aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.2 kDa
AA Sequence	RLLRSHSLHYLFMGASEQDLGLSLFEALGYVDDQLFVFYDHESRRVEPRTPWVSSR ISSQMWLQLSQLKGWDHMFVDFWTIMENHNHSHKESHTLQVILGCEMQEDNSTE GYWKYGYDGDHLEFCPTLDWRAAEPRAWPTKLEWERHKIRARQNRAYLERDC PAQLQQLLELGRGVLDQQVPPLVKVTHHVTSSVTTLRCRALNYYPQNITMKWLKDK QPMDAKEFEPKDVLPNGDGTQGWITLAVPPGEEQRYTCQVEHPGLDQPLIWIWEP SPSGTLV
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

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_000410
Protein Refseq	NP_000401
MIM	613609
UniProt ID	Q30201

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