

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	RLLRSHSLHYLFMGASEQDLGLSLFEALGYVDDQLFVFDHESRRVEPRTPWVSSR ISSQMWLQLSQSLKGDHMFVDFWTIMENHNHSHKESHTLQVILGCEMQEDNSTE GYWKYGYDGDHLEFCPDTLDWRAAEPRAWPTKLEWERHKIRARQNRAYLERDC PAQLQQLLELGRGVLDQQVPPLVKVTHHVTSSVTTLCRALNYYYPQNITMKWLKDK QPMDAKEFEPKDVLPNGDGTYYQGWITLAVPPGEEQRYTCQVEHPGLDQPLIWIWEP 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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