

# Recombinant Cynomolgus HFE2, His-tagged

**Cat. No.** HFE2-205C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the cynomolgus HFE2 (EHH15137.1) (Met1-Ser400) was expressed with a polyhistidine tag at the C-terminus.                                                           |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                                 |
| <b>Source</b>           | Insect Cells                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-Ser400                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                       |
| <b>Molecular Mass</b>   | The recombinant cynomolgus HFE2 comprises 376 amino acids and has a calculated molecular mass of 40.2 KDa. The apparent molecular mass of the protein is approximately 32 KDa in SDS-PAGE. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                            |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                            |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                   |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                        |
| <b>Reconstitution</b>   | Hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                           |

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**GENE INFORMATION**

|                            |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | HFE2?hemochromatosis type 2 (juvenile) [?Macaca fascicularis?(crab-eating macaque) ] |
| <b>Official Symbol</b>     | HFE2                                                                                 |
| <b>Synonyms</b>            | HFE2; hemochromatosis type 2 (juvenile)                                              |
| <b>Gene ID</b>             | 102138915                                                                            |
| <b>mRNA Refseq</b>         | XM_005542085                                                                         |
| <b>Protein Refseq</b>      | XP_005542142                                                                         |
| <b>Chromosome Location</b> | 1                                                                                    |

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