

Human HFE Recombinant Protein



RPPB3677

Product Information Protein Information

Product SKU:

RPPB3677

Accession:

Q30201

Host:

Escherichia Coli.

Protein description:

HFE Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (23-306 a.a) and having a molecular mass of 35.7kDa.HFE is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Hereditary hemochromatosis protein, HLA-H, HFE, HLAH, HH, HFE1, MVCD7, TFQTL2.

Formulation:

HFE protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMLLRSH SLHYLFMGAS EQDLGLSLFE ALGYVDDQLF VFYDHESRRV
EP RTPWVSSR ISSQMWLQLS QSLKGDHMF TVDFWTIMEN HNHSKESHTL QVILGCEMQE DNSTEGYWKY
GYDGDHLEF CPDLDWRAA EPRAWPTKLE WERHKIRARQ NRAYLERDCP AQLQQLLELG RGVLDQQVPP
LVKVTHHVT SVTTLRCRAL NYYPQNITMK WLKDKQPMDA KEFEPKDVLP NGDGT YQGWI TLAVPPGEEQ
RYTCQVEHPG LDQPLIVIWE PPSGTLV.