Recombinant Human HJV Protein (Met227-Asp400), N-His tagged

Cat. No. HJV-3712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HJV (Met227-Asp400) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met227-Asp400
Description	The product of this gene is involved in iron metabolism. It may be a component of the signaling pathway which activates hepcidin or it may act as a modulator of hepcidin expression. It could also represent the cellular receptor for hepcidin. Two uORFs in the 5' UTR negatively regulate the expression and activity of the encoded protein. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Defects in this gene are the cause of hemochromatosis type 2A, also called juvenile hemochromatosis (JH). JH is an early-onset autosomal recessive disorder due to severe iron overload resulting in hypogonadotrophic hypogonadism, hepatic fibrosis or cirrhosis and cardiomyopathy, occurring typically before age of 30.
Molecular Mass	21.11 kDa
Purity	>90 % as determined by SDS-PAGE.

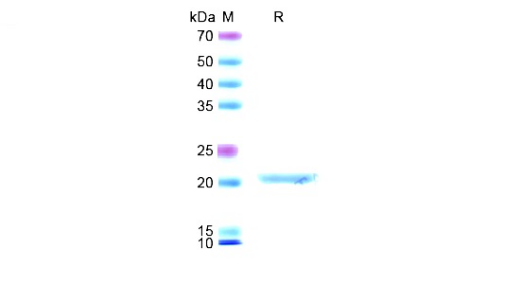
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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	HJV hemojuvelin BMP co-receptor [Homo sapiens (human)]
Official Symbol	HJV
Synonyms	HJV; hemojuvelin BMP co-receptor; JH; HFE2; RGMC; HFE2A; hemojuvelin; RGM domain family member C; haemojuvelin; hemochromatosis type 2 (juvenile); hemochromatosis type 2 protein; hemojuvelin BMP coreceptor; repulsive guidance molecule c
Gene ID	148738
mRNA Refseq	NM_213653
Protein Refseq	NP_998818
MIM	608374

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UniProt ID	Q6ZVN8
SDS-PAGE	

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