

Hemojuvelin (HJV) Protein | HJV protein

Eukaryotic Hemojuvelin (HJV)

CATALOG # AAA147132	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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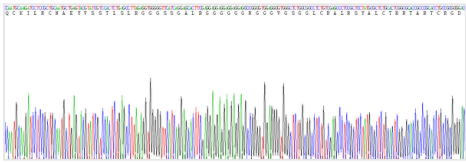
PRODUCT SYNONYMS

Hemojuvelin (HJV); Eukaryotic Hemojuvelin (HJV); HFE2; HFE2A; HJV; JH; RGMC; hemochromatosis type 2(Juvenile); Haemojuvelin; RGM domain family member C; HJV protein

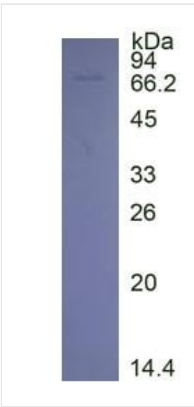
PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	200
Applicable Applications for HJV protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Gln36~Asp400
Tag	N-terminal His Tag and C-terminal Fc Region of Human IgG1
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.7
Subcellular Location	Membrane
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

QCKIL RCNAEYVSST
LSLRGGGSSG ALRGGGGGGR GGGVSGGLC RALRSYALCT RRTARTCRGD
LAFHSAVHGI EDLMIQHNC S RQPTAPPPP RGPALPGAGS GLPAPDPCDY
EGRFSRLHGR PPGFLHCASF GDPHVRSFHH HFHTCRVQGA WPLLDNDFLF
VQATSSPMAL GANATATRLK TIIFKNMQEC IDQKVYQAEV DNLPAFEDG
SINGGDRPGG SLSLIQTANP GNHVEIQAA Y IGTIIIRQT AGQLSFSIKV
AEDVAMAFSA EQDLQLCVGG CPPSQRLSRS ERNRRGAITI DTARRLCKEG
LPVEDAYFHS CVFDVLISGD PNFTVAAQAA LEDARAFLPD LEKLHLFPD

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for HJV protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	942429604
NCBI GeneID	148738
NCBI Accession #	NP_001303696.1
NCBI GenBank Nucleotide #	NM_001316767.1
UniProt Accession #	Q6ZVN8; Q2PQ63; Q6IMF6; Q8NAH2; Q8WVJ5; B1AL17
Molecular Weight	66.1kDa; 66kDa
NCBI Official Full Name	hemojuvelin isoform c
NCBI Official Synonym Full Names	hemochromatosis type 2 (juvenile)
NCBI Official Symbol	HFE2
NCBI Official Synonym Symbols	JH; HJV; RGMC; HFE2A
NCBI Protein Information	hemojuvelin
UniProt Protein Name	Hemojuvelin
UniProt Gene Name	HFE2
UniProt Synonym Gene Names	HJV; RGMC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.