

Hemojuvelin (HJV) Protein | HJV protein

Eukaryotic Hemojuvelin (HJV)

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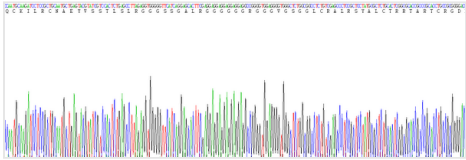
PRODUCT SYNONYMS

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

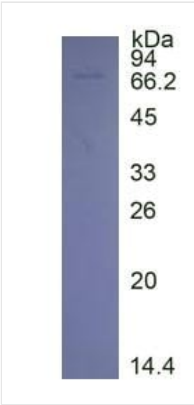
PRODUCT SPECIFICATIONS

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 RQPTAPPPP RGPALPGAGS GLPAPDPCDY
EGRFSRLHGR PPGLHCASF GDPHVRSFHH HFHTCRVQGA WPLLDNDFLF
VQATSSPMAL GANATATRLK TIIFKNMQEC IDQKVYQAEV DNLPVAFEDG
SINGGDRPGG SLSLIQTANP GNHVEIQAA YIGTTIIIRQT AGQLSFSIKV
AEDVAMAFSA EQDLQLCVGG CPPSQRLSR SERNRRGAITI DTARRLCKEG
LPVEDAYFHS CVFDVLISGD PNFTVAAQAA LEDARAFLPD LEKLHLFPSD

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.