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HFE Protein (Transcript Variant 9) (Myc-DYKDDDDK Tag)



Image



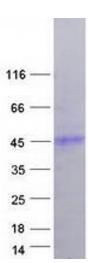
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Overview		
Quantity:	20 μg	
Target:	HFE	
Protein Characteristics:	Transcript Variant 9	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This HFE protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human HFE / HLAH (transcript variant 9) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	HFE	
Alternative Name:	Hfe,hlah (HFE Products)	
Background:	The protein encoded by this gene is a membrane protein that is similar to MHC class I-type	
	proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein	
	functions to regulate iron absorption by regulating the interaction of the transferrin receptor	
	with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic	

Target Details

- Target Details		
	disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined.	
Molecular Weight:	35.1 kDa	
NCBI Accession:	NP_620578	
Pathways:	Transition Metal Ion Homeostasis, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process	
Application Details		
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	
Handling		
Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze	

immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot