

Recombinant Human GIF protein, His-tagged

Cat. No. GIF-8596H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GIF protein(P27352-1) (Met1-Tyr417) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-417 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human GIF consists of 410 amino acids and predicts a molecular mass of 44.8 KDa. It migrates as an approximately 49 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name GIF gastric intrinsic factor (vitamin B synthesis) [Homo sapiens]

Official Symbol GIF

Synonyms GIF; gastric intrinsic factor (vitamin B synthesis); gastric intrinsic factor; IF; IFMH; INF; TCN3; intrinsic factor;

Gene ID 2694

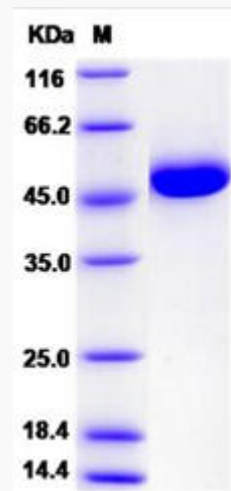
mRNA Refseq NM_005142

Protein Refseq NP_005133

MIM 609342

UniProt ID P27352

SDS-PAGE



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