

Recombinant Full Length Human GFER Protein

Cat. No. GFER-190HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ALR isoform 2 with N-terminal proprietary tag. Mol Wt 39.86 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	125 amino acids
Description	The hepatotrophic factor designated augmentor of liver regeneration (ALR) is thought to be one of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 16 in the interval containing the locus for polycystic kidney disease (PKD1). The putative gene product is 42% similar to the scERV1 protein of yeast. The yeast scERV1 gene had been found to be essential for oxidative phosphorylation, the maintenance of mitochondrial genomes, and the cell division cycle. The human gene is both the structural and functional homolog of the yeast scERV1 gene.
Form	Liquid
Molecular Mass	39.860kDa inclusive of tags
AA Sequence	MRTQQKRDTKFREDCPPDREELGRHSWAVLHTLAAYYPDL PTPEQQQDMAQFIHL FSKFYPCEECAEDLRKRLCRNHPDT RTRACFTQWLCHLHNEVNRKLGKPDFDCSK

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	VDERWRDGWK DGSCD
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
GENE INFORMATION	
Gene Name	GFER growth factor, augmenter of liver regeneration [Homo sapiens]
Official Symbol	GFER
Synonyms	GFER; growth factor, augmenter of liver regeneration; growth factor, erv1 (S. cerevisiae) like (augmenter of liver regeneration); FAD-linked sulfhydryl oxidase ALR; ALR; ERV1; ERV1 homolog (S. cerevisiae); HERV1; HPO1; HPO2; HSS
Gene ID	2671
mRNA Refseq	NM_005262
Protein Refseq	NP_005253
MIM	600924
UniProt ID	P55789