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Product datasheet for AR50686PU-N

Hepatopoietin (1-205, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Hepatopoietin (1-205, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMAAPGE RGRFHGGNLF FLPGGARSEM MDDLATDARG RGAGRRDAAA SASTPAQAPT SDSPVAEDAS RRRPCRACVD FKTWMRTQQK RDTKFREDCP PDREELGRHS WAVLHTLAAY YPDLPTPEQQ QDMAQFIHLF SKFYPCEECA EDLRKRLCRN HPDTRTRACF TQWLCHLHNE VNRKLGKPDF DCSKVDERWR DGWKDGSCD
Tag:	His-tag
Predicted MW:	26 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GFER protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005253
Locus ID:	2671
UniProt ID:	P55789
Cytogenetics:	16p13.3
Synonyms:	ALR; ERV1; HERV1; HPO; HPO1; HPO2; HSS; MMCHD; MPMCD

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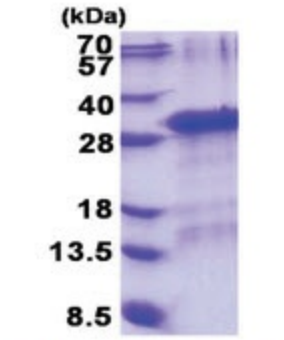
Summary: The hepatotrophic factor designated augmenter of liver regeneration (ALR) is thought to be one of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 16 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. [provided by RefSeq, Jul 2008]

Product images:



15% SDS-PAGE (3ug)