



Growth Factor, Augmenter of Liver Regeneration Human Recombinant

Item Number	rAP-3885
Synonyms	FAD-linked sulfhydryl oxidase ALR, Augmenter of liver regeneration, Hepatopoietin, GFER, ALR, HERV1, HPO, ALR, HSS, ERV1, HPO1, HPO2.
Description	GFER Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (1-205 a.a) and having a molecular mass of 26kDa. GFER is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P55789
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAPGE RGRFHGGNLF FLPGGARSEM MDDLATDARG RGAGRRDAAA SASTPAQAPT SDSPVAEDAS RRRPCACVD FKTWMRTQQK RDTKFREDCP PDREELGRHS WAVLHTLAAY YPDLPTPEQQ QDMAQFIHLF SKFYPCEECA EDLRKRLCRN HPD- TRTRACF TQWLCHLHNE VNRKLGKPDF DCSKVDERWR DGWKDGSCD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	GFER protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**