

## Glyoxylate Reductase/Hydroxypyruvate Reductase Human Recombi-

<b>Item Number</b>	rAP-1795
<b>Synonyms</b>	EC 1.1.1.79, GLXR, GLYD, GRHPR, PH2.
<b>Description</b>	GRHPR Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 348 amino acids (1-328 a.a.) and having a molecular mass of 37.8 kDa. The GRHPR is fused to a His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9UBQ7
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MRPVRLMKVF VTRRIPAEGR VALARAADCE VEQWDSDEPI PAKE- LERGVA GAHGLLCLLS DHVDKRLIDA AGANLKVIST MSVGIDHLAL DEIKKRGIRV GYTPDVLDT TAELAVSLLL TTCRRLPEAI EEVKNGGWTS WKPLWLCGYG LTQSTVGIIG LGRIGQAIAR RLKPFQVQRF LYTGRQPRPE EAAEFQAEFV STELAAQSD FIVVACSLTP ATEGLCNKDF FQKMKETAVF IN- ISRGDVVN QDDLYQALAS GKIAAAGLDV TSPEPLPTNH PLLTLKNCVI LPHIGSATHR TRNTMSLLAA NNLLAGLRGE PMPSELKL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The GRHPR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 5mM DTT and 0.2M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**