

Glycyl-TRNA Synthetase Human Recombinant, sf9

Item Number	rAP-1874
Synonyms	Glycine--tRNA ligase, EC 6.1.1.14, Diadenosine tetraphosphate synthetase, AP-4-A synthetase, Glycyl-tRNA synthetase, GlyRS, GARS, HMN5, CMT2D, DSMAV, SMAD1.
Description	GARS Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 78,902 Dalton. GARS is expressed with a -10xHis tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P41250
Amino Acid Sequence	
Source	Sf9 Insect Cells.
Physical Appearance and Stability	Sterile Filtered clear 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. Avoid multiple freeze-thaw cycles.
Formulation and Purity	GARS is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Greater than 80.0% 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**