

Alanyl-tRNA Synthetase Human Recombinant

Item Number	rAP-1863
Synonyms	Alanyl-tRNA synthetase cytoplasmic, EC 6.1.1.7, Alanine-tRNA ligase, AlaRS, Renal carcinoma antigen NY-REN-42, PL-12, AARS.
Description	Alanyl-tRNA synthetase Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 107,598 Dalton. PL-12 is expressed with a -6xHis tag and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49588
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	PL-12 is supplied in 16mM HEPES buffer pH-8, 250mM sodium chloride, and 20% glycerol. Greater than 90% 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**