

Thyroid Hormone Responsive Human Recombinant

Item Number	rAP-3956
Synonyms	Lpgp, LPGP1, S14, SPOT14, THRP, Spot 14 protein.
Description	THRSP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (1-146 a.a.) and having a molecular mass of 18.9kDa. THRSP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q92748
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQVLTKR YPKNCLLTVM DRYAAEVHNM EQVVMIPSL RDVQLSGPGG QAQAEAPDLY TYFTMLKAIC VDVDHGLLP EEWQAKVAGS EENGTAETEE VEDESASGEL DLEAQFHLHF SSLHHILMHL TEKAQEVTRK YQEMTGQVW.
Source	Escherichia Coli.
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. 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	THRSP protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl and 10% glycerol. 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**