

Pituitary Tumor-Transforming Protein 1 Human Recombinant

Item Number	rAP-4436
Synonyms	Securin, Pituitary tumor-transforming gene 1 protein, hPTTG, Tumor-transforming protein 1, Esp1-associated protein, PTTG1, EAP1, PTTG, TUTR1, MGC126883, MGC138276.
Description	PTTG1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 222 amino acids (1- 202 a.a.) and having a molecular mass of 24.1kDa.The PTTG1 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O95997
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MATLIYVDKE NGEPGTRVVA KDGLKLGSGP SIKALDGRSQ VSTPRFGKTF DAPPALPKAT RKALGTVNRA TEKSVKTKGP LKQKQPSFSA KKMTEKTVKA KSSVPASDDA YPEIEKFFPF NPLDFESFDL PEEHQIAHLP LSGVPLMILD EERELEKLFQ LGPPSPVKMP SPPWESNLLQ SPSSILSTLD VELPPVCCDI DI.
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	The PTTG1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 20% glycerol, 1mM EDTA and 0.1mM PMSF. 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**