

Gametocyte Specific Factor 1 Human Recombinant

Item Number	rAP-4406
Synonyms	Gametocyte Specific Factor 1, FAM112B, Family with Sequence Similarity 112 Member B, Gametocyte-Specific Factor 1, Protein FAM112B, GTSF1.
Description	GTSF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 190 amino acids (1-167) and having a molecular mass of 21.7 kDa. GTSF1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8WW33
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEETYTD SLDPEKLLQC PYDKNHQIRA CRFPYHLIKC RKNHPDVASK LATCPFNARH QVPRAEISHH ISSCDDRSCI EQDVVNQTRS LRQETLAEST WQCPCDEDW DKDLWEQTST PFVWGTHYS DNNSPASNIV TEHKNNLASG MRVPKSLPYV LPWKNNNGNAQ.
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	The GTSF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol and 1mM DTT. 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**