
Product Data Sheet

Product Name: GTSF1 Human
 Cat. No.: GP23567
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Gametocyte Specific Factor 1; FAM112B; Family with Sequence Similarity 112 Member B; Gametocyte-Specific Factor 1; Protein FAM112B; GTSF1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEETYTD SLDPEKLLQC PYDKNHQIRA CRFPYHLIKC RKNHPDVASK LATCPFNARH QVPRAEISHH ISSCDDRSCI EQDVVNQTRS LRQETLAEST WQCPPCEDDW DKDLWEQTST PFVWGTTHYS DNNSPASNIV TEHKNNLASG MRVPSLPHYV LPWKNNNGNAQ.		
Formulation	The GTSF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol and 1mM DTT.		

Introduction

Gametocyte Specific Factor 1 (GTSF1) is a member of the UPF0224 (FAM112) family and contains 1 CHHC-type zinc finger. A key paralog of the GTSF1 gene is GTSF1L.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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