
Product Data Sheet

Product Name: GCSAM Human
 Cat. No.: GP23539
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GCAT2; HGAL; Germinal center-associated signaling and motility protein; Germinal center B-cell-expressed transcript 2 protein; Germinal center-associated lymphoma protein; GAL; GCET2 .		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGNSLLR ENRRQNTQE MPWNVRMQSP KQRTSRCWDH HIAEGCFCLP WKKILIFEKR QDSQNERM SSTPIQDNVD QTYSEELCYT LINHRVLCTR PSGNSAEEYY ENVPCKAERP RESLGGTETE YSLLHMPSTD PRHARPEDE YELLMPHRIS SHFLQQPRPL MAPSETQFSH L.		
Formulation	The GCSAM solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.		

Introduction

GCSAM is a protein which functions in signal transduction pathways and whose expression raises in germinal cell lymphomas. GCSAM contains a putative PDZ-interacting domain, an immunoreceptor tyrosine-based activation motif (ITAM), and two putative SH2 binding sites. In B cells, GCSAM expression is particularly induced by interleukin-4.

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

GCSAM Human Recombinant produced in E. coli is a single polypeptide chain containing 201 amino acids (1-178) and having a molecular mass of 23 kDa. GCSAM is fused to 23

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

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amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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