

GCSAM Human

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

Catalog #:PRPS-1289

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 .

For research use only.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMGNSLLR ENRRQQTQE
MPWNVVMQSP KQRTSRCWDH HIAEGCFCLP WKKILIFEKR QDSQNERM SSTPIQDNVD
QTYSEELCYT LINHRVLCTR PSGNSAEEYY ENVPCKAERP RESLGGTETE YSLLHMPSTD
PRHARPEDE YELLMPHRIS SHFLQQRPL MAPSETQFSH L.

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

The GCSAM solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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