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**Product Data Sheet**

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Product Name: CSAG1 Human

Cat. No.: GP23245

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Chondrosarcoma Associated Gene 1; CSAG1; Cancer/Testis Antigen 24.1; Cancer/Testis Antigen CSAGE; CSAGE; CT24.1; Cancer/Testis Antigen Family 24; Member 1; Cancer/Testis Antigen Family 24 Member 1; Putative Chondrosarcoma-Associated Gene 1 Protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSDQVDWSR LYRDTGLVKM SRKPRASSPF SNNHPSTPKR FPRQPKREKG PVKEVPGTKG SP.		
Formulation	The CSAG1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

**Introduction**

Chondrosarcoma Associated Gene 1 (CSAG1) belongs to a family of tumor antigens. The CSAG1 protein is expressed in chondrosarcomas, but may also be expressed in normal tissues such as testis.

**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**

CSAG1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 82 amino acids (20-78) and having a molecular mass of 9.1 kDa. CSAG1 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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA