

---

## Product Data Sheet

---

Product Name: GAGE2A Human

Cat. No.: GP23531

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	G Antigen 2A; G Antigen 2A/2B; Cancer/Testis Antigen Family 4; Cancer/Testis Antigen Family 4; Member 2; GAGE-2A; Member 2; CT4.2; GAGE-2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSWRGRS TYRPRRRYV EPPEMIGPMR PEQFSDEVPEP ATPEEGEPAT QRQDPAAAQE GQDEGASAGQ GPKPEAHSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC		
Formulation	The GAGE2A solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

**Introduction**

GAGE2A is a member of a multigene family expressed in a large variety of tumors while in normal tissues; expression is limited to germ cells. These genes organized in clustered repeats, have a high degree of predicted sequence identity, however differ by scattered single nucleotide change. Their sequences have either the antigenic peptide YRPRRRY or YYWPRRRY which is recognized by cytotoxic T-cells.

**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**

GAGE2A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 139 amino acids (1-116) and having a molecular mass of 15.0kDa. GAGE2A 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

---

---

**Product Data Sheet**

---

***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***