

G Antigen 2A Human Recombinant

Item Number	rAP-3316
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.
Description	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.
Uniprot Accession Number	Q6NT46
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSWRGRS TYRPRRRYV EPPEMIGPMR PEQFSDEVEP ATPEE- GEPAT QRQDPAAAQE GQDEGASAGQ GPKPEAHSQE QGHPQTGCEC EDGPDGQEMD PPNPEEV- KTP EEGEKQSQC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The GAGE2A solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**