9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GAGE2A Human

G Antigen 2A Human Recombinant
RCP0895

Product Overview

Name	GAGE2A Human
Description	
G Antigen 2A Human Recombinant	
Accession (Primary)	Q6NT46
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.	
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 YRPRPRRY or YYWPRPRRY which is recognized by cytotoxic T-cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The GAGE2A solution (0.5mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 20% Glycerol.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSWRGRS TYRPRPRRYV EPPEMIGPMR PEQFSDEVEP ATPEEGEPAT QRQDPAAAQE GQDEGASAGQ GPKPEAHSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC	
Precautions	
GAGE2A Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q6NT46)