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

GAGE2D Human

G Antigen 2D Human Recombinant
RCP0896

Product Overview

Name	GAGE2D Human
Description	
G Antigen 2D Human Recombinant	
Accession (Primary)	Q9UEU5
Synonyms	
G Antigen 2D, Cancer/Testis Antigen 4.8, CT4.8, GAGE-8, GAGE8, G Antigen 8.	
Introduction	
GAGE2D is a member of the GAGE family, which organized in clustered repeats. In addition, they have a high degree of predicted sequence identity, but differ by scattered single nucleotide substitution. The first GAGE nomenclature was based on identified mRNA sequences; however the high identity of the GAGE members made it impossible to separate products of paralogous genes from polymorph products. Moreover GAGE2D is not expressed in normal tissues, except in testis; however it is expressed by a large proportion of tumors of various histological origins.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
GAGE2D protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSWRGRS TYRPRPRRYV EPPEMIGPMR PEQFSDEVEP ATPEEGEPAT QRQDPAAAQE GEDEGASAGQ GPKPEADSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC	
Precautions	
GAGE2D Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9UEU5)