9051 Mira Mesa Blvd, #910094
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GAGE12F Human

G Antigen 12F Human Recombinant
RCP0894

Product Overview

Name	GAGE12F Human
Description	
G Antigen 12F Human Recombinant	
Accession (Primary)	P0CL80
Synonyms	
G Antigen 12F, GAGE-12F, G Antigen 12F/G/I.	
Introduction	
GAGE12F is a member of the GAGE multigene family expressed in a large range of tumors whereas in normal tissues, his expression is restricted to germ cells. These genes are organized in clustered repeats, and have a high degree of forecasted sequence identity, however differ by scattered single nucleotide substitution. Their sequences contain either the antigenic peptide YYWPRPRRY or YRPRPRRY which is recognized by cytotoxic T-cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
GAGE12F protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% 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 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSWRGRS TYYWPRPRRY VQPPEMIGPM RPEQFSDEVE PATPEEGEPA TQRQDPAAAQ EGEDEGASAG QGPKPEAHSQ EQGHPQTGCE CEDGPDGQEM DPPNPEEVKT PEEGEKQSQC	
Precautions	
GAGE12F Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P0CL80)