

AR51161PU-N**Human GAGE2A (1-116, His-tag) - Purified**

Alternate names:	CT4.2, G antigen 2A/2B, GAGE-2, GAGE-2A, GAGE2
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	GAGE2A belongs to a multigene family expressed in a large variety of tumors whereas in normal tissues, expression is restricted to germ cells. These genes organized in clustered repeats, have a high degree of predicted sequence identity, but differ by scattered single nucleotide substitution. Their sequences contain either the antigenic peptide YYWPRPRRY or YRPRPRRY which is recognized by cytotoxic T-cells.
Uniprot ID:	Q6NT46
NCBI:	NP_001120684
GeneID:	729447
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Description:	Recombinant human GAGE2A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMSWRGRS TYRPRPRRYV EPPEMIGPMR PEQFSDEVEP ATPEEGEPAT QRQDPAAAQE QDEGASAGQ GPKPEAHSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC Molecular weight: 15 kDa (139aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Gjerstorff MF, et al. (2008). Tissue Antigens.71(3):187-92. De Backer O, Arden KC, et al. (1999). Cancer Res. 59(13):3157-65.

Pictures:

