

Product datasheet for **AR51161PU-S**

GAGE2A (1-116, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GAGE2A (1-116, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSWRGRS TYRPRRRYV EPPEMIGPMR PEQFSDEVEP ATPEEGEPAT QRQDPAAAE QQDEGASAGQ GPKPEAHSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC
Tag:	His-tag
Predicted MW:	15.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid. In Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GAGE2A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001120684
Locus ID:	729447
UniProt ID:	Q6NT46
Cytogenetics:	Xp11.23
Synonyms:	CT4.2; GAGE-2; GAGE-2A; GAGE2



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Summary:

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.

Product images: