

## Product datasheet for **AR52039PU-S**

### Carboxypeptidase A4 (17-421, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Carboxypeptidase A4 (17-421, His-tag) human protein, 50 µg
Species:	Human
Expression cDNA Clone or AA Sequence:	GQEKFFGDQV LRINVRNGDE ISKLSQLVNS>NNLKLNFWKS PSSFNRPVDV LVPSVSLQAF KSFLRSQGLE YAVTIEDLQA LLDNEDDEM Q HNEGQERSSN NFNYGAYHSL EAIYHEMDNI AADFPDLARR VKIGHSFENR PMYVLKFSTG KGVRRPAVWL NAGIHSREWI SQATAIWTAR KIVSDYQRDP AITSILEKMD IFLLPVANPD GYVYTQTQNR LWRKTRSRNP GSSCIGADPN RNWNASFAGK GASDNPCSEV YHGPHANSEV EVKSVDFIQ KHGNFKGFID LHSYSQLLMY PYGYSVKKAP DAEELDKVAR LAAKALASVS GTEYQVGPTC TTVYPASGSS IDWAYDNGIK FAFFELRDT GTYGFLLPAN QIIPTAETW LGLKTIMEHV RDNLYLEHHH HHH
Tag:	His-tag
Predicted MW:	46.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
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:	<a href="#">NP_001156918</a>
Locus ID:	51200
UniProt ID:	<a href="#">Q9UI42</a>
Cytogenetics:	7q32.2
Synonyms:	CPA3



[View online »](#)

**Summary:**

This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Protease, Secreted Protein

**Product images:**