

## Product datasheet for **AR09384PU-N**

### **GOPC / PIST (278-454, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	GOPC / PIST (278-454, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MIRKVLLEKE DHEGLGISIT GGKEHGVPII ISEIHPGQPA DRCGGLHVGD AILAVNGVNL RDTKHKEAVT ILSQQRGEIE FEVYVAPEV DSDDENVEYE DESGHRYRLY LDELEGGGNP GASCKDTSGE IKVLQGFNKK AVTDTHENGD LGTASETPLD DGASKLDDLH TLYHKKSY
Tag:	His-tag
Predicted MW:	21.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant GOPC protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001017408</u>
Locus ID:	57120
UniProt ID:	<u>Q9HD26</u>
Cytogenetics:	6q22.1
Synonyms:	CAL; dj94G16.2; FIG; GOPC1; PIST



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**Summary:**

This gene encodes a Golgi protein with a PDZ domain. The PDZ domain is globular and proteins which contain them bind other proteins through short motifs near the C-termini. Mice which are deficient in the orthologous protein have globozoospermia and are infertile. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

**Product images:**