

## Product datasheet for **AR51439PU-N**

### ZG16 (17-167, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	ZG16 (17-167, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSNAIQARS SSYSGEYGGG GGKRFHSHSGN QLDGPITALR VRVNTYYIVG LQVRYGKVWS DYVGGRRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD SGTSFNAVPL HPNTVLRFIS GRSGLIDAI GLHWDVYPTS CSRC
Tag:	His-tag
Predicted MW:	19.0 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ZG16 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:	<a href="#">NP_689551</a>
Locus ID:	653808
UniProt ID:	<a href="#">O60844</a>
Cytogenetics:	16p11.2
Synonyms:	JCLN; JCLN1; ZG16A



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**Summary:**

May play a role in protein trafficking. May act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN.[UniProtKB/Swiss-Prot Function]

**Product images:**