

## Product datasheet for **AR50664PU-S**

### **PARD6B (1-372, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	PARD6B (1-372, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNRSHRH GAGSGCLGTM EVKSKFGAEF RRFSLERSKP GKFEFYGLL QHVHKIPNVD VLVGYADIHG DLLPINDDN YHKAVSTANP LLRIFIQKKE EADYSAFGTD TLIKKKNVLT NVLRPDNHRK KPHIVISMPQ DFRPVSSIID VDILPETHRR VRLYKYGTEK PLGFYIRDGS SVRVTPHGLE KVPGFISRL VPGGLAQSTG LLAVNDEVLE VNGIEVSGKS LDQVTDMMIA NSRNLIITVR PANQRNNVVR NSRTSGSSGQ STDNSLLGYP QQIEPSFEPE DEDSEEDDII IEDNGVPQQI PKAVPNTESL ESLTQIELSF ESGQNGFIPS NEVSLAAIAS SSNTEFETHA PDQKLEEDG TIITL
Tag:	His-tag
Predicted MW:	43.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PARD6B protein, fused to His-tag at N-terminus, was expressed in E.coli.
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_115910</a>
Locus ID:	84612
UniProt ID:	<a href="#">Q9BYG5</a>
Cytogenetics:	20q13.13
Synonyms:	PAR6B



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**Summary:**

This gene is a member of the PAR6 family and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain, an OPR domain and a semi-Cdc42/Rac interactive binding (CRIB) domain. This cytoplasmic protein is involved in asymmetrical cell division and cell polarization processes as a member of a multi-protein complex. [provided by RefSeq, Jul 2008]

**Protein Pathways:**

Endocytosis, Tight junction

**Product images:**