

Product datasheet for **AR50622PU-S**

KCTD5 (1-234, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	KCTD5 (1-234, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAENHCE LLSPARGGIG AGLGGGLCRR CSAGLGALAQ RPGSVSKWVR LNVGGTYFLT TRQTLCRDPK SFLYRLCQAD PDLSDKDET GAYLIDRDPT YFGPVLNLYR HGKLVINKDL AEEGVLEEAE FYNITSLIKL VKDKIRERDS KTSQVPVKHV YRVLQCQEEE LTQMVMSTMSD GWKFEQLVSI GSSYNYGNED QAEFLCVSK ELHNTPYGTA SEPSEKAKIL QERGSRM
Tag:	His-tag
Predicted MW:	28.5 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 0.2M NaCl, 40% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KCTD5 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_061865
Locus ID:	54442
UniProt ID:	Q9NXV2
Cytogenetics:	16p13.3

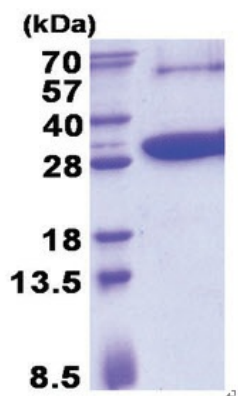


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Summary: Its interaction with CUL3 suggests that it may act as a substrate adapter in some E3 ligase complex (PubMed:18573101). Does not affect the function of Kv channel Kv2.1/KCNB1, Kv1.2/KCNA2, Kv4.2/KCND2 and Kv3.4/KCNC4 (PubMed:19361449).[UniProtKB/Swiss-Prot Function]

Protein Families: Ion Channels: Other

Product images:



15% SDS-PAGE (3ug)