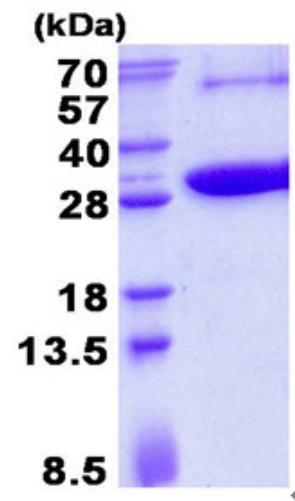


AR50622PU-S**Human KCTD5 (1-234, His-tag) - Purified**

Alternate names:	BTB/POZ domain-containing protein KCTD5
Quantity:	20 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	BTB/POZ domain-containing protein KCTD5, also known as KCTD5, is a 234 amino acid protein that localizes predominantly in the cytoplasm but translocates to the nucleus upon interaction with REP proteins. The expression of KCTD5 was upregulated post-transcriptionally in peripheral blood lymphocytes stimulated through the T-cell receptor. KCTD5 interacted specifically with cullin3, bound ubiquitinated proteins, and formed oligomers through its BTB domain.
Uniprot ID:	Q9NXV2
NCBI:	NP_061865.1
GeneID:	54442
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT
Description:	Recombinant human KCTD5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMAENHCE LLSPARGGIG AGLGGGLCRR CSAGLGALAQ RPGSVSKWVR LNVGGTYFLT TRQTLCRDPK SFLYRLCQAD PDLSDKDET GAYLIDRDPT YFGPVLNLYR HGKLVINKDL AEEGVLEAE FYNITSLIKL VKDKIRERDS KTSQVPVKHV YRVLQCQEEE LTQMVSTMSD GWKFEQLVSI GSSYNYGNE QAEFLCVVSK ELHNTPYGTA SEPSEKAKIL QERGRM Molecular weight: 28.5 kDa (257aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Bayon Y., et al. (2008) FEBS J. 275(15):3900-10Zollmam S., et al. (1994) Proc Natl Acad USA. 91: 10717-10721.

Pictures:



15% SDS-PAGE (3ug)