

KCTD5, 1-234aa, Human, His tag, E.coli

Cat.NO.: TP02720

3th Edition

Synonyms:BTB/POZ domain-containing protein KCTD5

Description: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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT

Molecular Weight:28.5 kDa (257aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGMAENHCELLSPARGGIGAGLGGGLCRRCSAGLGALAQRPGSVSKWVRLNV
GGTYFLTRQTLCRDPKSFYRLCQADPDLSDKDETGAYLIDRPTYFGPVLNLYLRHGKLVINKDLAEEGVLEEAE
FYNITSLIKLVKDKIRERDSKTSQVPVKHVYRVLQCQEEELTQMVSTMSDGWKFQQLVSIGSSYNYGNEDQAEFLC
VVSKE LHNTPYGTASEPSEKAKILQERGSRM

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.