
Product Data Sheet

Product Name: KCTD5 Human
 Cat. No.: GP23734
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	BTB/POZ domain-containing protein KCTD5; KCTD5.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSM AENHCE LLSPARGGIG AGLGGGLCRR CSAGLGALAQ RPGSVSKWVR LNVGGTYFLT TRQTLCRDPK SFLYRLCQAD PDLDSKDET GAYLIDRDPT YFGPVLNYLR HGKLVINKDL AEEGVLEEAE FYNITSLIKL VKDKIRERDS KTSQVPVKHV YRVLQCQEEE LTQMVSTMSD GWKFEQLVSI GSSYNYGNED QAEFLCVVSK ELHNTPYGTA SEPSEKAKIL QERGSRM		
Formulation	The KCTD5 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT.		

Introduction

BTB/POZ domain-containing protein KCTD5 (KCTD5), is a 234 amino acid protein which localizes mainly in the cytoplasm however translocates to the nucleus on interaction with REP proteins. The expression of KCTD5 is up regulated post-transcriptionally in peripheral blood lymphocytes stimulated via the T-cell receptor. KCTD5 interacts particularly with cullin3, attaches ubiquitinated proteins, and created oligomers through its BTB domain.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

KCTD5 Human Recombinant produced in E. coli is a single polypeptide chain containing 257 amino acids (1-234) and having a molecular mass of 28.5 kDa. KCTD5 is fused to a

Caution: Product has not been fully validated for medical applications. For research use only.

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23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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