

Recombinant Full Length Human KCTD13 Protein, His tagged

Cat. No. KCTD13-21HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Homo sapiens potassium channel tetramerisation domain containing 13 (KCTD13), full length, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-329 aa
Description	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for synaptic transmission. The BCR (KCTD13) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome. Degradation of RHOA regulates the actin cytoskeleton and promotes synaptic transmission.
Form	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Molecular Mass	36.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

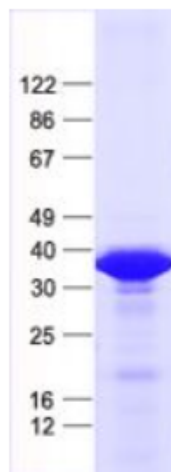
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method
Shipping	Dry Ice
GENE INFORMATION	
Gene Name	KCTD13 potassium channel tetramerisation domain containing 13 [Homo sapiens (human)]
Official Symbol	KCTD13
Synonyms	KCTD13; potassium channel tetramerisation domain containing 13; BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1; FKSG86; PDIP1; POLDIP1; polymerase delta interacting protein 1; TNFAIP1 like; TNFAIP1-like protein; polymerase delta-interacting protein 1; BTB/POZ domain-containing protein KCTD13; hBACURD1
Gene ID	253980
mRNA Refseq	NM_178863
Protein Refseq	NP_849194
MIM	608947
UniProt ID	Q8WZ19

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA