

Product datasheet for PH311283

KCTD16 (NM_020768) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCTD16 MS Standard C13 and N15-labeled recombinant protein (NP_065819)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211283
Predicted MW:	49.1 kDa
Protein Sequence:	>RC211283 protein sequence Red =Cloning site Green =Tags(s)

MALSGNCSRYYPREQGSAPNSFPEVVELNVGGQVYFTRHSTLISIPHSLLWKMFSPKRDTANDLAKDSK
 GRFFIDRDGFLFRYILDYLRDRQVVLDPHFPEKGRLKREAEYQLPDLVKLLTPDEIKQSPDEFCHSDFE
 DASQGS DTRICPPSSLLPADRKWGFITVGYRG SCTLGREGQADAKFRRVPRILVCGRISLAKEVFGETLN
 ESRDPDRAPERYSRFYLFKHLERAFDMLSECGFHMVACNSSVTASF INQYTDDKIWSSYTEYVFYREP
 SRWSPSHDCCKNGKGDKEGESGTSCNDLSTSSCDSQSEASSPQETVICGPVTRQTNIQTLDRIKKGP
 VQLIQQSEMRRKSDLLRTLTS GSRESNMSSKKKAVKEKLSIEEELEKCIQDFLKIKIPDRFPERKHPWQS
 ELLRKYHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_065819</u>
RefSeq Size:	5183
RefSeq ORF:	1284
Locus ID:	57528

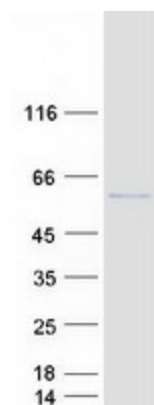

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UniProt ID: Q68DU8, A8K8W2

Cytogenetics: 5q31.3

Summary: Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the receptor response. Increases agonist potency and markedly alter the G-protein signaling of the receptors by accelerating onset and promoting desensitization (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified KCTD16 protein (Cat# [TP311283]). The protein was produced from HEK293T cells transfected with KCTD16 cDNA clone (Cat# [RC211283]) using MegaTran 2.0 (Cat# [TT210002]).