

Product datasheet for PH323904

KCTD8 (NM_198353) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCTD8 MS Standard C13 and N15-labeled recombinant protein (NP_938167)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223904
Predicted MW:	52.3 kDa
Protein Sequence:	>RC223904 representing NM_198353 Red =Cloning site Green =Tags(s)

MALKDTGSGGSTILPISEMVSSSSSPGASAAAAPGPCAPSPFPEVVVELNVGGQVYVTKHSTLLSVPDSTL
 ASMFSPSSPRGGARRRGELPRDSRARFFIDRDGFLFRYVLDYLRDKQLALPEHFPEKERLLREAEYFQLT
 DLVKLLSPKVTQNSLNDEGCQSDLEDNVSQGSDDLRLGAAAAPSGPAHGGGGGGAQDKRSGFLT
 LGYRGSYTTVRDNQADAKFRRVARIMVCGRIALAKEVFGDTLNESTRDPDRQPEKYTSRFYLFKFTYLEQAF
 DRLSEAGFHMVACNSSGTAAFVNQYRDDKIWSSYTEYIFFRPPQKIVSPKQEHEDRKHKVTDKGSSEGT
 SCNELSTSCDSHSEASTPDNPSSAQQATAHQPNLTLDPRPSKKAPVQWIPPPDKRNSSELFQTLISK
 RETNLSKKKVCEKLSVEEEMKKCIQDFKKIHIPDYFPERKRQWQSELLQKYGL

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_938167</u>
RefSeq Size:	2240
RefSeq ORF:	1419
Locus ID:	386617

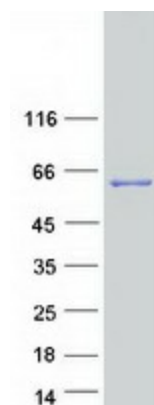

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UniProt ID: [Q6ZWB6](#)

Cytogenetics: 4p13

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 KCTD8 protein (Cat# [TP323904]). The protein was produced from HEK293T cells transfected with KCTD8 cDNA clone (Cat# [RC223904]) using MegaTran 2.0 (Cat# [TT210002]).