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Product datasheet for PH315452

KCTD3 (NM_016121) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCTD3 MS Standard C13 and N15-labeled recombinant protein (NP_057205)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215452
Predicted MW:	88.8 kDa
Protein Sequence:	>RC215452 representing NM_016121 Red=Cloning site Green=Tags(s) MAGGHCGSVPAAAAGSGEIVQLNVGGTRFSTSRQTLMWIPDSFFSSLLSGRISTLRDETGAIFIDRDPAA FAPILNFLRTKELDLRGVSINVLRHEAEFYGITPLVRRLLLCEELERSSCGSVLFHGYLPPPGIPSRKIN NTVRSADSRNGLNSTEGEARGNGTQPVLSGTGEETVRLGFPVDPRKVLIVAGHHNWIVAAYAHFAVCYRI KESSGWQQVFTSPYLDWTIERVALNAKVVGGPHGDKDKMVAVASESSIILWSVQDGGSGSEIGVFSLGVP VDALFFIGNQLVATSHTGKVGVWNAVTQHWQVQDVVPITSYDTAGSFLLLGCNNGSIYYIDMQKFPLRMK DNDLLVTELYHDPSNDAITALSVYLTPKTSVSGNWIEIAYGTSSGAVRVIVQHPETVGSGPQLFQTFTVH RSPVTKIMLSEKHLVSVCADNNHVRTWTVTRFRGMISTQPGSTPLASFKILSLEETESHGSYSSGNDIGP FGERDDQQVFIQKVVPITNKLFVRLSSTGKRICEIQAVDCTTISSFTVRECEGSSRMGSRPRRYLFTGHT NGSIQMWDLTTAMDMVNKSEDKDVGGPTEEELLKLLDQCDLSTSRCATPNISPATSVVQHSHLRESNSSL QLQHHDTTHEAATYGSMRPYRESPLLARARRTESFHSYRDFQTINLNRNVERAVPENGNLGPIQAEVKGA TGECNISERKSPGVEIKSLRELDSGLEVHKIAEGFSESKKRSSEDENENKIEFRKKGGFEGGGFLGRKKV PYLASSPSTSDGGTDSPGTASPSPTKTTPSPRHKKSDSSGQEYSL 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_057205

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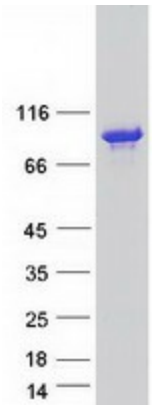
RefSeq Size:	3946
RefSeq ORF:	2445
Synonyms:	NY-REN-45
Locus ID:	51133
UniProt ID:	Q9Y597
Cytogenetics:	1q41
Summary:	This gene encodes a member of the potassium channel tetramerization-domain containing (KCTD) protein family. Members of this protein family regulate the biophysical characteristics of ion channels. In mouse, this protein interacts with hyperpolarization-activated cyclic nucleotide-gated channel complex 3 and enhances its cell surface expression and current density. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified KCTD3 protein (Cat# [TP315452]). The protein was produced from HEK293T cells transfected with KCTD3 cDNA clone (Cat# [RC215452]) using MegaTran 2.0 (Cat# [TT210002]).