

Product datasheet for **TP315452M**

KCTD3 (NM_016121) Human Recombinant Protein

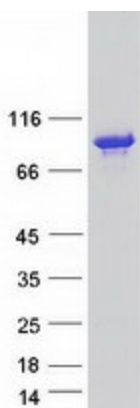
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel tetramerisation domain containing 3 (KCTD3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215452 representing NM_016121 Red =Cloning site Green =Tags(s) MAGGHCGSVPAAGSGEIVQLNVGGTRFSTSRQTLMWIPDSFFSSLLSGRISTLRDETGAIFIDRPAA FAPILNFLRTKELDLRGVSINVL RHEAEFYGITPLVRRLLLCEELERSSCGSVLFHGYLPPP GIPSRKIN NTVRSADSRNGLNSTEGEARGNGTQPVLSGTGEETVRLGFPVDPKVLIVAGHHNWIVAAYAHFAVCYRI KESSGWQQVFTSPYLDWTIERVALNAKVGGPHGDKDKMVAVASESSIILWSVQDGGSGSEIGVFSLGVP VDALFFIGNQLVATSHTGKVGWNAV TQHWQVQDVVPITSYDTAGSFLLLGCNNGSIYYIDMQKFPLRM K DNDLLVTELYHDPNSDAITALSVYLT PKTSVSGNWIEIAYGTSSGAVRVIVQHPETVGSGPQLFQTFTVH RSPVTKIMLSEKHLVSVCADNNHVRTWT VTRFRGMISTQPGSTPLASFKILSLEETESHGSYSSGNDIGP FGERDDQQVFIQKVPITNKL FVRLSSTGKRICEIQAVDCTTISSFTVRECEGSSRMGSRPRRYLFTGHT NGSIQMWDLTTAMD MVNKSEDKDVGGPTEEEELLKLLDQCDLSTSRCATPNISPATSVVQHSHLRESNSSL QLQHHDTT HEAATYGSMRPYRESPLARARRTESFHSYRDFQTINLNRNVERAVPENGLGPIQAEVKGA TGEKNISERKSPGVEIKSLRELD SGLEVHKIAEGFSESKKRSEDENENKIEFRKKGGFEGGGFLGRKKV PYLASSPSTSDGGTDSPTASPSPTKTPSPRHKKSDSSGQEYSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	88.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.


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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057205
Locus ID:	51133
UniProt ID:	Q9Y597
RefSeq Size:	3946
Cytogenetics:	1q41
RefSeq ORF:	2445
Synonyms:	NY-REN-45
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]).