

Product datasheet for **TP313017L**

C8orf80 (NUGGC) (NM_001010906) Human Recombinant Protein

Product data:

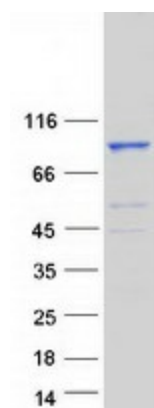
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 8 open reading frame 80 (C8orf80), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213017 representing NM_001010906 Red =Cloning site Green =Tags(s)
	MAETKDVFGQEPHPVEDDLYKERTKRRKSDRDQRFRAFPSMEQSALKEYEKLESRTRRVLSNTYQKLIQ SVFLDDSI PNGVKY LINRLLALIEKPTVDPIYIALFGSTGAGKSSLINAIQQAMFLPVSGESICTSCIV QVSSGCCVQYEAKIHLLSDQEWREELKNLT KLLH RTEELSREEADAWN RDEAVEEATWKLQMIYNGAES KNYEELLRAKPKRKIPTSRVITLKAEEAEELSIKLDPIYRTQRRDWDGEEAEMRIWPLIKHVEVTLPKSD LIPEGVVLVDIPGTGDFNSKRDEM WKK TIDKCSVIWVISDIERVSGGQAHEDLLNESIKACQRGFCRDVA LVVTKMDKLHLPEYLRERKAGNQAIQSQREAVLERNEMIQLQRTRILKEKLKRKLPA DFKVLEASDLVYT VSAQEYWQQALLTEEETEIPKLREYIRKSLLDKKRTVTKYVTEAFGLLLLTDSFNSTQNL PNEHLHMSV LRRFAEEKVELLEKAI AQCFACMEQPLQEGVRTARTSYRCILRACLVR SKGNQGFHQT LKAVCLKNGIYA SRTLARIDLNEALTQPVYDQIDPVFGSIFRTGKPTGSALMPHIDAFKQSLQEKMTEIGIRSGWKYDSCCK NFLIQEISAILGGLEDHILRRKRRIYESLTASVQSDLKLCYEEAAQITGKKACERMKDAIRRGVDRQVAE GMFERAQERMQHQQQLKTGIVEKVKGSITTMLALASSQGDGLYKELADVGSEYKEMEKLHRSLEVAEN ARLRKGMQEFLLRASPSKAGPPGTSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	91 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.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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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_001010906
Locus ID:	389643
UniProt ID:	Q68CJ6
RefSeq Size:	3912
Cytogenetics:	8p21.1
RefSeq ORF:	2388
Synonyms:	C8orf80; HMFN0672; SLIP-GC
Summary:	Nuclear GTPase found in germinal center B-cells, where it may inhibit function of the activation-induced cytidine deaminase AICDA (PubMed:19734146). Reduces somatic hypermutation in B-cells which may enhance genome stability (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NUGGC protein (Cat# [TP313017]). The protein was produced from HEK293T cells transfected with NUGGC cDNA clone (Cat# [RC213017]) using MegaTran 2.0 (Cat# [TT210002]).