

Product datasheet for **TP320648L**

RNF157 (NM_052916) Human Recombinant Protein

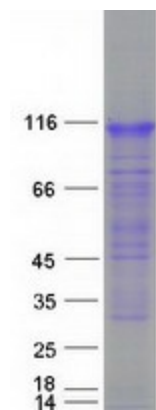
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ring finger protein 157 (RNF157), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220648 representing NM_052916 Red =Cloning site Green =Tags(s) MGALTSRQHAGVEEVDIPSNSVYRYPKSGSYFASHFIMGGEKFDSTHPEGYLFGENSNDLNLGNRPVWF PYAAPPQEPVKTLRSLVNIRKDTLRLVKCAEEVKSPGEEASKAKVHYNVEFTDTRDAVAITIIYYQATE EFQNGIASYIPKDNSLQSETVQYKRGVCQQFCLPSHTVDPSEWAEELGFDLDREVYPLVHAVVDEGDE YFGHCHVLLGTFEKHTDGTFCVKPLKQKQVVDGVSYLLQEYGIENKYNTQDSKVAEDEVSDNSAECVVC LSDVRDTLILPCRHLCLCNCADTLRYQANNCPIRLPFRALLQIRAMRKKLGPLSPTSFNPIISSQTS SEEHPSENIPPGEVVSLLLEALNGPLTPSPAVPPLHVLGDGHLSGMLPSYGSDDGHLPPVRTISPLDRLS DSSSQGLKKLSKSTSQNSSVLHEEEDHSCSESETQLSQRPVQHLGEECGVTPESENLTSSSGAI DQSSCTGTPLSSTISSPEGPASSLAQSVMSMASSQISTDTVSSMSGSYIAPGTEEEGEALSSQPASRA PSEEGEGLPAESPDSNFAGLPAGEQDAEGNDVIEEEDGSPTQEGQRTCAFLGMECDNNNDFDIASVKALD NKLCEVCLPGAWQADDNAVSRNAQRRRLSSSSLEDSERPCVWGPLAY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	73.4 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.
Storage:	Store at -80°C.


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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:	<u>NP_443148</u>
Locus ID:	114804
UniProt ID:	<u>Q96PX1</u>
RefSeq Size:	3570
Cytogenetics:	17q25.1
RefSeq ORF:	2037
Summary:	E3 ubiquitin ligase that ubiquitinates APBB1 for its degradation by the proteasome and thus prevents apoptosis and promotes survival of neurons (PubMed:25342469). Has a dual role in neurons as it is also required for dendrite growth and maintenance for which its ligase activity is not critical (PubMed:25342469). May act as a scaffold molecule to regulate this process (PubMed:25342469). Acts as a downstream effector of the interconnected PI3K and MAPK signaling pathways and thus participates in the regulation of the cell cycle (PubMed:28655764).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified RNF157 protein (Cat# [TP320648]). The protein was produced from HEK293T cells transfected with RNF157 cDNA clone (Cat# [RC220648]) using MegaTran 2.0 (Cat# [TT210002]).