

Product datasheet for **TP320648M**

RNF157 (NM_052916) Human Recombinant Protein

Product data:

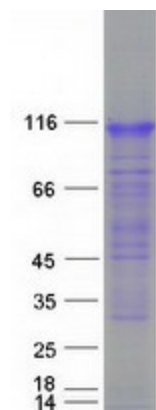
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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens ring finger protein 157 (RNF157), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC220648 representing NM_052916 Red =Cloning site Green =Tags(s) |
| | <p>MGALTSRQHAGVEEVDIPSNSVYRYPKSGSYFASHFIMGGEKFDSTHPEGYLFGENSNDLNLGNRPVWF PYAAPPQEPVKTLRSLVNIRKDTLRLVKCAEEVKSPGEEASKAKVHYNVEFTDTDARVAITIIYYQATE EFQNGIASYIPKDNSLQSETVQYKRGVCQQFCLPSHTVDPSEWAEELGFDLDREVYPLVHAVVDEGDE YFGHCHVLLGTFEKHTDGTFCVKPLKQKQVVDGVSyllQEIYGIENKYNTQDSKVAEDEVSDNSAECVVC LSDVRDTLILPCRHLCLCNCADTLRYQANNCPIRLPFRALLQIRAMRKKLGPLSPTSFNPIISSQTS SEEHPSENIPPGYEVVSLLEALNGPLTPSPAVPPLHVLGDGHLSGMLPSYGSDDGHLPPVRTISPLDRLS DSSSQGLKLLKSLKSTSQNSSVLHEEEDHSCSESETQLSQRPSVQHLGEECGVTPESENLTSSSGAI DQSSCTGTPLSSTISSPEGPASSSLAQSVMSMASSQISTDTVSSMSGSYIAPGTEEEGEALSSQPASRA PSEEGEGLPAESPDSNFAGLPAGEQDAEGNDVIEEEDGSPTQEGQRTCAFLGMECDNNNDFDIASVKALD NKLCEVCLPGAWQADDNAVSRNAQRRRLSSSSLESETRPCVWGPLAY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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]).