

## Product datasheet for TP326760L

### RNF185 (NM\_001135825) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ring finger protein 185 (RNF185), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226760 representing NM_001135825 Red=Cloning site Green=Tags(s)
	MASKGPSASASPENSSAGGPSGSSNGAGESGGQDSTFECNICLDTAKDAVISLCGHLFCWPCLHQGFQGF GFGDGGFQMSFGIGAFPFGIFATAFNINDGRPPAVPGTPQYVDEQFLSRLFLFVALVIMFWLLIA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14 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.
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:	<a href="#">NP_001129297</a>
Locus ID:	91445
UniProt ID:	<a href="#">Q96GF1</a> , <a href="#">A0A024R1H4</a>
Cytogenetics:	22q12.2



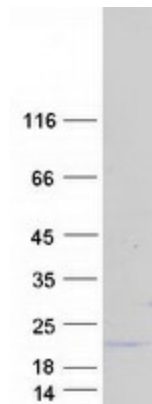
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RefSeq ORF: 408

**Summary:** E3 ubiquitin-protein ligase that regulates selective mitochondrial autophagy by mediating 'Lys-63'-linked polyubiquitination of BNIP1 (PubMed:21931693). Acts in the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway, which targets misfolded proteins that accumulate in the endoplasmic reticulum (ER) for ubiquitination and subsequent proteasome-mediated degradation (PubMed:27485036). Protects cells from ER stress-induced apoptosis (PubMed:27485036). Responsible for the cotranslational ubiquitination and degradation of CFTR in the ERAD pathway (PubMed:24019521). Preferentially associates with the E2 enzymes UBE2J1 and UBE2J2 (PubMed:24019521).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified RNF185 protein (Cat# [TP326760]). The protein was produced from HEK293T cells transfected with RNF185 cDNA clone (Cat# [RC226760]) using MegaTran 2.0 (Cat# [TT210002]).