

Product datasheet for PH326760

RNF185 (NM_001135825) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RNF185 MS Standard C13 and N15-labeled recombinant protein (NP_001129297)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226760
Predicted MW:	14 kDa
Protein Sequence:	>RC226760 representing NM_001135825 Red =Cloning site Green =Tags(s) MASKGPSASASPENSSAGGPSGSSNGAGESGGQDSTFECNICLDTAKDAVISLTCGHLFCWPCLHQGFQGF GFGDGGFQMSFGIGAFPFGIFATAFNINDGRPPPAVPGTPQYVDEQFLSRLFLFVALVIMFWLLIA TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001129297
RefSeq ORF:	408
Locus ID:	91445
UniProt ID:	Q96GF1 , A0A024R1H4
Cytogenetics:	22q12.2



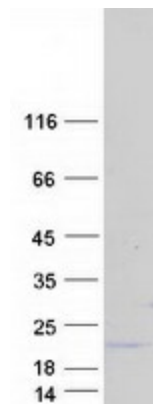
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Summary:

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]).