

Product datasheet for PH310056

PTRHD1 (NM_001013663) Human Mass Spec Standard

Product data:

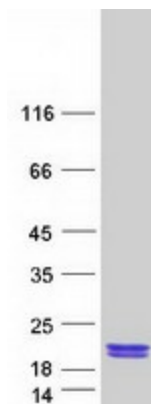
Product Type:	Mass Spec Standards
Description:	C2orf79 MS Standard C13 and N15-labeled recombinant protein (NP_001013685)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210056
Predicted MW:	15.6 kDa
Protein Sequence:	>RC210056 representing NM_001013663 Red=Cloning site Green=Tags(s) MHRGVGPAFRVVRKMAASGAEPQVLVQYLVLKDLSPAPFSWPAGALVAQACHAATAALHTRDHPHTAA YLQELGRMRKVLEAPDETTLKELAETLQKKNIDHMLWLEQPENIATCIALRPYPKEEVGQYLKKFRLF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001013685
RefSeq Size:	602
RefSeq ORF:	420
Synonyms:	C2orf79
Locus ID:	391356
UniProt ID:	Q6GMV3
Cytogenetics:	2p23.3



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Summary:

This gene encodes the enzyme peptidyl-tRNA hydrolase. Peptidyl-tRNA hydrolases perform the essential function of recycling peptidyl-tRNAs. Mutations in this gene are associated with autosomal-recessive intellectual disability and parkinsonism. [provided by RefSeq, May 2017]

Product images:

Coomassie blue staining of purified PTRHD1 protein (Cat# [TP310056]). The protein was produced from HEK293T cells transfected with PTRHD1 cDNA clone (Cat# [RC210056]) using MegaTran 2.0 (Cat# [TT210002]).