

Product datasheet for PH302484

PHAF1 (NM_025187) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C16orf70 MS Standard C13 and N15-labeled recombinant protein (NP_079463)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202484
Predicted MW:	47.5 kDa
Protein Sequence:	>RC202484 protein sequence Red =Cloning site Green =Tags(s)

MLDLEVVPERSLGNEQWEFTLGMPAQAVAILQKHCRIIKNVQVLYSEQSPLSHDLILNLTQDGIKLMFD
 AFNQRLKVIEVCDLTKVKLKYCGVHFNSQAIAPTIEQIDQSGATHPGVYNQAEQLFHLNFRGLSFSFQL
 DSWTEAPKYEPNFAHGLASLQIPHGATVKRMYIYSGNSLQDTKAPMMPLSCFLGNVYAESVDVLRDGTGP
 AGLRLRLAAGCGPGLLADAKMRVFERSVYFGDSCQDVL SMLGSPHKVFYKSEDKMKIHSPSPHKQVPSK
 CNDYFFNYFTLGVDILFDANTHKVKFVLHTNYPGHYNFNIYHRCEFKIPLAIKKENADGQTETCTTYSK
 WDNIQELLGHPVEKPVVLRSSSPNNTNPFGSTFCFLQRMIFEVMQNNHIASVTLYGPPRPGSHLRTAE
 LP

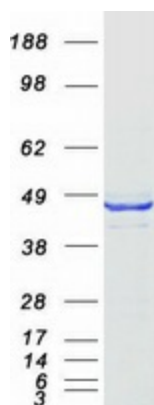
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_079463</u>
RefSeq Size:	2943
RefSeq ORF:	1266
Synonyms:	C16orf6; lin-10; LIN10


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Locus ID:	80262
UniProt ID:	<u>Q9BSU1</u> , <u>A0A024R6W4</u>
Cytogenetics:	16q22.1
Summary:	Plays a regulatory role in autophagic activity. In complex with BCAS3, associates with the autophagosome formation site during both non-selective and selective autophagy. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified C16orf70 protein (Cat# [TP302484]). The protein was produced from HEK293T cells transfected with C16orf70 cDNA clone (Cat# [RC202484]) using MegaTran 2.0 (Cat# [TT210002]).