

Product datasheet for PH305770

DEPTOR (NM_022783) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEPDC6 MS Standard C13 and N15-labeled recombinant protein (NP_073620)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205770
Predicted MW:	46.3 kDa
Protein Sequence:	>RC205770 protein sequence Red=Cloning site Green=Tags(s)

MEEGGSTGSAGSDSSTSGSGGAQQRELERMAEVLVTGEQLRLRLHEEKVIKDRRHHLKTYPNCFVAKELI
DWLIEHKEASDRETAIKLMQKLADRGIIHHVCDEHKEFKDVKLFYRFRKDDGTFPLDNEVKAFMRGQRLY
EKLMSPENTLLQPREEEGVKYERTFMASEFLDWLVQEGEATTRKEAEQLCHRLMEHGIIQHVSSKHPPVD
SNLLYQFRMFRRRRLMELLNEKSPSSQETHDSPFLCRKQSHDNRKSTSFMSVSPSKEIKIVSAVRRSS
MSSCGSSGYFSSSPTLSSPPVLCNPKSVLKRPTSEELLTPGAPYARKTFTIVGDAVWGWFVVRGSKPC
HIQAVDPSGPAAGMKVCQFVSVNGLNVLHVDYRTVSNLILTGPRITVMEVMEELEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

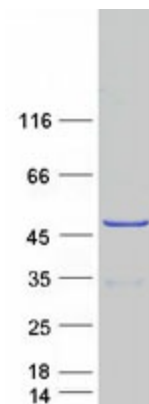
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_073620</u>
RefSeq Size:	2636
RefSeq ORF:	1227
Synonyms:	DEP.6; DEPDC6
Locus ID:	64798



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UniProt ID: [Q8TB45](#)
Cytogenetics: 8q24.12
Summary: Negative regulator of the mTORC1 and mTORC2 signaling pathways. Inhibits the kinase activity of both complexes.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DEPTOR protein (Cat# [TP305770]). The protein was produced from HEK293T cells transfected with DEPTOR cDNA clone (Cat# [RC205770]) using MegaTran 2.0 (Cat# [TT210002]).