

Recombinant Human DEPTOR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEPTOR-4124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEPDC6 MS Standard C13 and N15-labeled recombinant protein (NP_073620) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DEPTOR (DEP Domain Containing MTOR Interacting Protein) is a Protein Coding gene. Diseases associated with DEPTOR include Tuberous Sclerosis 1 and Tuberous Sclerosis 2. Among its related pathways are mTOR signaling pathway (Pathway Interaction Database) and MAPK Signaling: Mitogens. An important paralog of this gene is PREX2.
Molecular Mass	46.3 kDa
AA Sequence	MEEGGSTGSAGSDSSTSGSGGAQQRELERMAEVLVTGEQLRLRLHEEKVIKDRRH HLKTYPNCFVAKELIDWLIHKEASDRETAIKLMQKLADRGIIHHVCDEHKEFKDVKLF YRFRKDDGTFPLDNEVKAFMRGQRLYEKLMSPELTLQPREEEGVKYERTFMASEF LDWLVQEGEATTRKEAEQLCHRLMEHGIIQHVSSKHPFVDSNLLYQFRMNFRRRRR LMELLNEKSPSSQETHDSPFCLRKQSHDNRKSTSFMSVSPSKEIKIVSAVRRSSMSS CGSSGYFSSSPTLSSSPVLCNPKSVLKRPTSEELLTPGAPYARKTFTIVGDAVGW GFVVRGSKPCHIQAVDPSGPAAAAGMKVCQFVSVNGLNVLHVDYRTVSNLILTGP RTIVMEVMEELECTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DEPTOR DEP domain containing MTOR-interacting protein [Homo sapiens (human)]
Official Symbol	DEPTOR
Synonyms	DEPTOR; DEP domain containing MTOR-interacting protein; DEP domain containing 6, DEPDC6; DEP domain-containing mTOR-interacting protein; DEP.6; FLJ12428; DEP domain containing 6; DEP domain-containing protein 6; DEP domain containing mTOR interacting protein; DEPDC6; FLJ12341; FLJ13854; DKFZp564B1778;
Gene ID	64798
mRNA Refseq	NM_022783
Protein Refseq	NP_073620
MIM	612974

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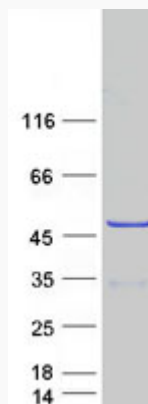
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UniProt ID

Q8TB45

SDS-PAGE

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