

Recombinant Human DCAF6, His-tagged

Cat. No. DCAF6-27575TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 536-860 of Human NRIP with N terminal His tag; 325 amino acids, 74kDa.
Species	Human
Source	E.coli
ProteinLength	536-860 a.a.
Description	WD-repeat proteins are a large family of eukaryotic proteins coordinating multi-protein complex assemblies. Their role has been implicated in multiple cellular processes including signal transduction, transcriptional regulation, cell cycle control and apoptosis. NRIP is a novel 860a.a nuclear protein consisting of seven conserved WD40 domains and one NLS motif. It binds to androgen and glucocorticoid receptors and up-regulates their transcriptional activity, thereby functioning as a nuclear receptor co-activator. Role of NRIP has been implicated in cell growth and also in cervical and prostate cancer, thus indicating a potential therapeutic intervention. Northern Blot analysis detects a high expression of NRIP in skeletal muscle and testis and low expression in heart, prostate and adrenal gland.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 68 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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phosphate, 10mM Sodium chloride, pH 4.5

Storage

Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Sequences of amino acids

ETKAPEESSEDVTKYQEGVSAENPVENHINITQSDKFTAK PLDSNSGERNDLNLDR
SCGVPEESASSEKAKEPETSQ TSTESATNENNTNPEPQFQTEATGPSAHEETST
RDSAL QDTDDSDDDPVLIPGARYRAGPGDRRSAVARIQEFFRRRK ERKEMEELDT
LNIRRLVKMVYKGHRNSRTMIKEANFW GANFVMSGSDCGHIFIWDRHTAEHMLL
EADNHVVNCL QPHPFDPILASSGIDYDIKIWSPLEESRIFNRKLADDEVIT RNELMLEE
TRNTITVPASFMLRMLASLNHIRADRLEGD RSESGSQENENEDEE

GENE INFORMATION

Gene Name

DCAF6 DDB1 and CUL4 associated factor 6 [Homo sapiens]

Official Symbol

DCAF6

Synonyms

DCAF6; DDB1 and CUL4 associated factor 6; IQ motif and WD repeats 1 , IQWD1;
DDB1- and CUL4-associated factor 6; PC326;

Gene ID

55827

mRNA Refseq

NM_018442

Protein Refseq

NP_060912

MIM

610494

Uniprot ID

Q58WW2

Chromosome

1q23.3

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Location**Function**

ligand-dependent nuclear receptor transcription coactivator activity;

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