

Recombinant Human NUDT16L1, His-tagged

Cat. No. NUDT16L1-959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NUDT16L1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	NUDT16L1, also known Syndesmos, is a cytoplasmic protein that interacts specifically with the cytoplasmic domain of syndecan-4, and it co-localizes with syndecan-4 in focal contacts. This protein interacts with the focal adhesion adaptor protein paxillin. The binding of syndesmos to paxillin is direct, and these interactions are triggered by the activation of protein kinase C.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT.
Molecular Weight	25.5 kDa (231aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MSTAAVPELK QISRVEAMRL GPGWSHSCHA MLY AANPGQL FGRIPMRFSV LMQMRFDGLL GFPGGFVDRRFWSLEDGLNR VLG LGL GCLR LTEADYLSSH LTEGPHRVVA HLYARQLTLE QLHAVEISAV HSRDHGLEVL GLVRVPLYTQ KDRVGGFPNFLSNAFVSTAK CQLLFALKVL

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NMMPEEKLVE ALA AAT EKQK KALEKLLPAS S.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

NUDT16L1 nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1 [Homo sapiens]

Synonyms

nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1; SDOS; MGC11275; NUDT16L1; 16p13.3;protein syndesmos; NUDT16-like protein 1

Gene ID

84309

mRNA Refseq

NM_001193452

Protein Refseq

NP_001180381

UniProt ID

Q9BRJ7

Function

hydrolase activity

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