

NUDT16L1, 1-211aa, Human, His tag, E.coli

Cat.NO.: TP03226

3th Edition

Synonyms:Protein syndesmos, MGC11275, SDOS

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

Sequences:

MGSSHHHHHSSGLVPRGSHMSTAAVPELKQISRVEAMRLGPGWWSCHAMLYAANPGQLFGRIPMRFSVLMQ
MRFDGLLGFPGGFVDRRFWSLEDGLNRVLGLGLGCLRLTEADYLSSHLTEGPHRVVAHLYARQLTLEQLHAVEISA
VHSRDHGLEVLGLVRVPLYTQKDRVGGFPNFLSNAFVSTAKCQLLFALKVLNMMPEEKLVEALAAATEKQKKALEK
LLPASS

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.