
Product Data Sheet

Product Name: NUDT16L1 Human
 Cat. No.: GP22024
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein syndesmos; NUDT16-like protein 1; NUDT16L1; SDOS; MGC11275.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSTAAVPELK QISRVEAMRL GPGWSHSCHA MLYAANPGQL FGRI PMRFSV LMQMRFDGLL GFPGGFVDRR FWSLEDGLNR VLGLGLGCLR LTEADYLSSH LTEGPHRVVA HLYARQLTLE QLHAVEISAV HSRDHGLEVL GLVRVPLYTQ KDRVGGFPNF LSNAFVSTAK CQLLFALKVL NMMPEEKLVE ALAAATEKQK KALEKLLPAS S.		
Formulation	The NUDT16L1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

Syndesmos (NUDT16L1) is a cytoplasmic protein which interacts specifically with the cytoplasmic domain of syndecan-4, and co-localizes with syndecan-4 in focal contacts. NUDT16L1 interacts with the focal adhesion adaptor protein paxillin. The binding of NUDT16L1 to paxillin is direct, and these interactions are triggered by the activation of protein kinase C.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

NUDT16L1 Human Recombinant fused with a20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 231 amino acids (1-211 a.a.) and having a molecular mass of 25.5kDa. The NUDT16L1 is purified by

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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proprietary chromatographic techniques.

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