
Product Data Sheet

Product Name: DESI1 Human
 Cat. No.: GP21554
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Desumoylating Isopeptidase 1; Family With Sequence Similarity 152 Member B; PPPDE Peptidase Domain-Containing Protein 2; Desumoylating Isopeptidase 2; FAM152B; PPPDE2; DeSI-1; D15Wsu75e; DESI2; DJ347H13.4; EC 3.4.-.-.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEPPNLY PVKLYVYDLS KGLARRLSPI MLGKQLEGIW HTSIVVHKDE FFFGSGGISS CPPGGTLLGP PDSVVDVGST EVTEEIFLEY LSSLGESLFR GEAYNLFEHN CNTFSNEVAQ FLTGRKIPSY ITDLPSEVLS TPFQALRPL LDSIQIQPPG GSSVGRPNGQ S		
Formulation	The DESI1 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.		

Introduction

DESI1 belongs to the DeSI family and contains 1 PPPDE peptidase domain. This protein is a protease which deconjugates SUMO1, SUMO2 and SUMO3 from some substrate proteins and has isopeptidase but not SUMO-processing activity. DESI1 desumoylates ZBTB46.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

DESI1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 191 amino acids (1-168) and having a molecular mass of 20.7kDa.

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