

Recombinant Human DESI1, His-tagged

Cat. No. DESI1-15886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DESI1 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-168aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	20.7 kDa (191aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSSLVPRGSH MGSMEPPNLY PVKLYVYDLS KGLARRLSPI MLGKQLEGIW HTSIVVHKDE FFFGSGGSISS CPPGGTLLGP PDSVVDVGST EVTEEIFLEY LSSLGESLFR GEAYNLFEHN CNTFSNEVAQ FLTGRKIPSY ITDLPSEVLS TPFQGALRPL LDSIQIQPPG GSSVGRPNGQ S
Purity	>85% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	DESI1 desumoylating isopeptidase 1 [Homo sapiens (human)]
Official Symbol	DESI1
Synonyms	DESI1; desumoylating isopeptidase 1; DESI2; DeSI-1; PPPDE2; FAM152B; D15Wsu75e; DJ347H13.4; desumoylating isopeptidase 2; PPPDE peptidase domain containing 2; PPPDE peptidase domain-containing protein 2; family with sequence similarity 152, member B
Gene ID	27351
mRNA Refseq	NM_015704
Protein Refseq	NP_056519
MIM	614637
UniProt ID	Q6ICB0
Chromosome Location	22q13.2

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