

Recombinant Human DUSP1 protein, His-GST-tagged

Cat. No. DUSP1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP1 protein(NP_004408.1)(Val175~Cys367), fused to two N-terminal tag, His tag and GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val175~Cys367
Form	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Molecular Mass	51kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store at 2-8°C for one month.
Aliquot and store at -80°C for 12 months.

Concentration 250g/mL

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

GENE INFORMATION

Gene Name DUSP1 dual specificity phosphatase 1 [Homo sapiens]

Official Symbol DUSP1

Synonyms DUSP1; dual specificity phosphatase 1; CL100, HVH1, MKP-1, MKP1, PTPN10; MAP kinase phosphatase 1; dual specificity protein phosphatase 1; dual specificity protein phosphatase hVH1; mitogen-activated protein kinase phosphatase 1; protein-tyrosine phosphatase CL100; serine/threonine specific protein phosphatase; EC 3.1.3.48; EC 3.1.3.16

Gene ID 1843

mRNA Refseq NM_004417.3

Protein Refseq NP_004408.1

MIM 600714

UniProt ID P28562

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SDS-PAGE



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