

Recombinant Mouse Ddi1 Protein, Myc/DDK-tagged

Cat. No. Ddi1-2492M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DNA-damage inducible 1 (Ddi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable aspartic protease. Seems to act as a proteasomal shuttle which links the proteasome and replication fork proteins like RTF2. Required, with DDI2, for cellular survival following replication stress. Together or redundantly with DDI2, removes RTF2 from stalled forks to allow cell cycle progression after replication stress and maintains genome integrity.
Molecular Mass	45.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Ddi1 DNA-damage inducible 1 [Mus musculus (house mouse)]
Official Symbol	Ddi1
Synonyms	DDI1; DDI1, DNA-damage inducible 1, homolog 1 (S. cerevisiae); protein DDI1 homolog 1; 1700011N24Rik
Gene ID	71829
mRNA Refseq	NM_027942
Protein Refseq	NP_082218
UniProt ID	Q9DAF3

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