

DDI1 抗原（重组蛋白）

中文名称： DDI1 抗原（重组蛋白）

英文名称： DDI1 Antigen (Recombinant Protein)

别名： DNA damage inducible 1 homolog 1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 197-396 amino acids of human DDI1

技术规格

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|---------------------------|--|
| Full name: | DNA damage inducible 1 homolog 1 |
| Swissprot: | Q8WTU0 |
| Gene Accession: | BC022017 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | DDI1 and DDI2 are ubiquitin receptor homologs of the <i>Saccharomyces cerevisiae</i> ddi1 protein, which is involved in regulation of the cell cycle and the late secretory pathway. DDI1 is a 396 amino acid protein that contains one ubiquitin-like domain. The gene encoding DDI1 maps to human chromosome 11, which makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and |

Denys-Drash syndrome are associated with mutations of the WT1 gene.