

## DDI2 抗原（重组蛋白）

中文名称： DDI2 抗原（重组蛋白）

英文名称： DDI2 Antigen (Recombinant Protein)

别名： DNA damage inducible 1 homolog 2

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 1-211 amino acids of human DDI2

### 技术规格

<b>Full name:</b>	DNA damage inducible 1 homolog 2
<b>Swissprot:</b>	Q5TDH0
<b>Gene Accession:</b>	BC006011
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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. DDI2 is a 399 amino acid protein that contains one ubiquitin-like domain and exists as three isoforms as a result of alternative splicing. The gene encoding DDI2 maps to human chromosome 1, the largest human chromosome which spans about 260 million base pairs and makes up 8% of the human genome. Other notable genes located on chromosome 1 include LMNA, which is associated with the rare aging disease Hutchinson-Gilford progeria, and the MUTYH gene, which is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease

and Usher syndrome.