

## HUS1 抗原（重组蛋白）

中文名称：HUS1 抗原（重组蛋白）

英文名称：HUS1 Antigen (Recombinant Protein)

别名：HUS1 checkpoint clamp component; hHUS1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-280 amino acids of human HUS1

技术规格：

<b>Full name:</b>	HUS1 checkpoint clamp component
<b>Synonyms:</b>	hHUS1
<b>Swissprot:</b>	O60921
<b>Gene Accession:</b>	BC007013
<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>	The protein encoded by this gene is a component of an evolutionarily conserved, genotoxin-activated checkpoint complex that is involved in the cell cycle arrest in response to DNA damage. This protein forms a heterotrimeric complex with checkpoint proteins RAD9 and RAD1. In response to DNA damage, the trimeric complex interacts with another protein complex consisting of checkpoint protein RAD17 and four small subunits of the replication factor C (RFC), w

hich loads the combined complex onto the chromatin. The DNA damage induced chromatin binding has been shown to depend on the activation of the checkpoint kinase ATM, and is thought to be an early checkpoint signaling event. Alternative splicing results in multiple transcript variants.