

## GSTA3 抗原（重组蛋白）

中文名称： GSTA3 抗原（重组蛋白）

英文名称： GSTA3 Antigen (Recombinant Protein)

别名： GTA3; GSTA3-3

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Full length fusion protein

### 技术规格

<b>Full name:</b>	glutathione S-transferase alpha 3
<b>Synonyms:</b>	GTA3; GSTA3-3
<b>Swissprot:</b>	Q16772
<b>Gene Accession:</b>	BC020619
<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>	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase belonging to the alpha class genes that are located in a cluster mapped to chromosome 6. Genes of the alpha class are highly related and encode enzymes with glutathione peroxidase activity. However, during evolution, this alpha class ge

ne diverged accumulating mutations in the active site that resulted in differences in substrate specificity and catalytic activity.