

# Recombinant Human GBAS, GST-tagged

**Cat. No.** GBAS-13177H    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Human GBAS protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              1-286a.a.

**Description**                Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55% amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. The GSTT1 gene is located approximately 50kb away from the GSTT2 gene. The GSTT1 and GSTT2 genes have a similar structure, being composed of five exons with identical exon/intron boundaries.

**Storage**                        The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer**                1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	GBAS glioblastoma amplified sequence [ Homo sapiens ]
<b>Official Symbol</b>	GBAS
<b>Synonyms</b>	GBAS; glioblastoma amplified sequence; protein NipSnap homolog 2; NIPSNAP2; 4-nitrophenylphosphatase domain and non-neuronal SNAP25-like 2;
<b>Gene ID</b>	2631
<b>mRNA Refseq</b>	NM_001202469
<b>Protein Refseq</b>	NP_001189398
<b>MIM</b>	603004
<b>UniProt ID</b>	O75323
<b>Chromosome Location</b>	7p12
<b>Function</b>	protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA