

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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  Fax: 1-631-938-8127

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

GENE INFORMATION

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

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