

Recombinant Human GATS, His-tagged

Cat. No. GATS-13172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GATS protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-163a.a.
Description	The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene.
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GATS GATS, stromal antigen 3 opposite strand [Homo sapiens]
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Official Symbol	GATS
Synonyms	GATS; GATS, stromal antigen 3 opposite strand; putative protein GATS; DKFZp686B07267; STAG3OS; stromal antigen 3 opposite strand; STAG3 opposite strand transcript protein; opposite strand transcription unit to STAG3;
Gene ID	352954
mRNA Refseq	NM_178831
Protein Refseq	NP_849153
UniProt ID	Q8NAP1
Chromosome Location	7q22.1

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