

## Product datasheet for **AR50289PU-N**

### GSTT2 (1-244, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	GSTT2 (1-244, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGLEFLDLV SQPSRAVYIF AKKNGIPELEL RTVDLVKGGQH KSKEFLQINS LGKLPTLKDQ DFILTESSAI LIYLSCKYQT PDHWYPSDLQ ARARVHEYLQ WHADCIRGTF GIPLWVQVLG PLIGVQVPEE KVERNRTAMD QALQWLEDKF LGDRPFLAGQ QVTLADLMAL EELMQPVALG YELFEGRPRL AAWRGRVEAF LGAELCQEAH SIILSILEQA AKKTLPTPSP EAYQAMLLRI ARIP
Tag:	His-tag
Predicted MW:	29.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT,
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GSTT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001074312</a>
Locus ID:	653689
UniProt ID:	<a href="#">P0CG30</a> , <a href="#">G9J6Q5</a>
Cytogenetics:	22q11.23
Synonyms:	GSTT2P



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**Summary:**

The protein encoded by this gene, glutathione S-transferase (GST) theta 2B (GSTT2B), 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, GSTT2, and GSTT2B. GSTT2 and GSTT2B are nearly identical to each other, and share 55% amino acid identity with GSTT1. All three genes may play a role in human carcinogenesis. The GSTT2B gene is a pseudogene in some populations. [provided by RefSeq, Sep 2015]

**Product images:**