

Recombinant Rat Gsta5 protein, His-tagged

Cat. No. Gsta5-2014R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsta5 aa. (Met1~Ser221 (Accession # P46418)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Ser221
Form	Freeze-dried powder
Molecular Mass	27 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 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

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gsta5 glutathione S-transferase alpha 5 [Rattus norvegicus (Norway rat)]
Official Symbol	Gsta5
Synonyms	ABCA3; ATP binding cassette subfamily A member 3; ABC3; ABC-C; SMDP3; LBM180; EST111653; ATP-binding cassette sub-family A member 3; ABC transporter 3; ABC-C transporter; ATP-binding cassette transporter 3; ATP-binding cassette, sub-family A (ABC1), member 3
Gene ID	494499
mRNA Refseq	NM_001010921.1
Protein Refseq	NP_001010921.1
UniProt ID	P46418

 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