

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 |

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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](#)

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