

Recombinant Human GSTA2 protein, His-tagged

Cat. No. GSTA2-2015H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTA2 aa. (Met1~Phe222) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Phe222
Form	Freeze-dried powder
Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

Concentration

200µg/mL

Storage Buffer

PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Reconstitution

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[GSTA2 glutathione S-transferase alpha 2 \[Homo sapiens \(human\) \]](#)

Official Symbol

[GSTA2](#)

Synonyms

ABCA4; ATP binding cassette subfamily A member 4; FFM; RMP; ABCR; RP19; STGD; ABC10; ARMD2; CORD3; STGD1; retinal-specific ATP-binding cassette transporter; ATP binding cassette transporter; ATP-binding cassette sub-family A member 4; ATP-binding cassette transporter, retinal-specific; ATP-binding cassette, sub-family A (ABC1), member 4; ATP-binding transporter, retina-specific; RIM ABC transporter; RIM protein; photoreceptor rim protein; retina-specific ABC transporter; stargardt disease protein

Gene ID

[2939](#)

mRNA Refseq

[NM_000846.4](#)

Protein Refseq

[NP_000837.3](#)

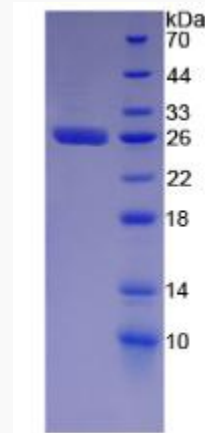
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UniProt ID

P09210



SDS-PAGE

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