

Datasheet for ABIN5709619

**GSTP1 Protein (AA 2-210) (His-SUMO Tag)**[Go to Product page](#)**1** Image

## Overview

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| Quantity:                     | 100 µg                                            |
| Target:                       | GSTP1                                             |
| Protein Characteristics:      | AA 2-210                                          |
| Origin:                       | Mouse                                             |
| Source:                       | Escherichia coli (E. coli)                        |
| Protein Type:                 | Recombinant                                       |
| Purification tag / Conjugate: | This GSTP1 protein is labelled with His-SUMO Tag. |
| Application:                  | SDS-PAGE (SDS)                                    |

## Product Details

|               |                                                                                                                                                                                                                                                |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:     | PPYTIVYFPV RGRCEAMRML LADQGQSWKE EVVTIDTWMQ GLLKPTCLYG QLPKFEDGDL<br>TLYQSNAILR HLGRSLGLYG KNQREAAQMD MVNDGVEDLR GKYVTLIYTN YENGKNDYVK<br>ALPGHLKPFE TLLSQNQGGK AFIVGDQISF ADYNLLDLLL IHQVLAPGCL DNFPLLSAYV<br>ARLSARPKIK AFLSSPEHVN RPINGNGKQ |
| Purification: | SDS-PAGE                                                                                                                                                                                                                                       |
| Purity:       | > 90 %                                                                                                                                                                                                                                         |

## Target Details

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Target:           | GSTP1                                                                           |
| Alternative Name: | GSTP1 ( <a href="#">GSTP1 Products</a> )                                        |
| Background:       | Conjugation of reduced glutathione to a wide number of exogenous and endogenous |

## Target Details

|                   |                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | hydrophobic electrophiles. Can metabolize 1-chloro-2,4-dinitrobenzene. Regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration . |
| Molecular Weight: | 39.5 kDa                                                                                                                                                           |
| UniProt:          | <a href="#">P19157</a>                                                                                                                                             |
| Pathways:         | <a href="#">Cellular Response to Molecule of Bacterial Origin</a>                                                                                                  |

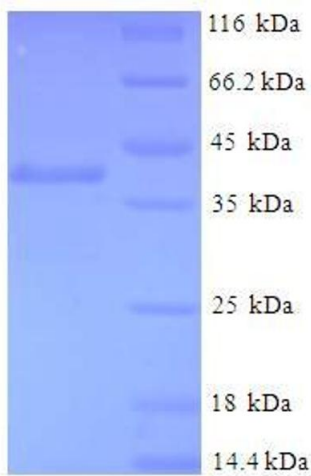
## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                                                |
| Concentration:   | 0.1-2 mg/mL                                                                                                                                                           |
| Buffer:          | 20 mM Tris-HCl based buffer, pH 8.0                                                                                                                                   |
| Storage:         | -80 °C,4 °C,-20 °C                                                                                                                                                    |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Images



### SDS-PAGE

Image 1.