

Human recombinant protein GSTA1
Human Recombinant GSTA1
Catalog # PBV10583r**Specification**

Human recombinant protein GSTA1 - Product info

Primary Accession	P08263
Concentration	1
Calculated MW	25.6 kDa KDa

Human recombinant protein GSTA1 - Additional Info

Gene ID	2938
Gene Symbol	GSTA1

Other Names

Glutathione S-transferase alpha 1, GST2, GSTA1-1, GTH1.

Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MAEKPKLHYF NARGRMESTR WLLAAAGVEF EEKFIKSAED LDKLRNDGYL MFQQVPMVEI DGMKLVQTRA ILNYIASKYN LYGKDIKERA LIDMYIEGIA DLGEMILLLP VCPPEEKDAK LALIKEKIKN RYFPAFEKVL KSHGQDYLVG NKLSRADIHL Vellyyyveel DSSLISSFPL LKALKTRISN LPTVKKFLQP GSPRKPPMDE KSLEEARKIF RF

Format

Liquid

Storage

-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT and 10% glycerol.

Human recombinant protein GSTA1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human recombinant protein GSTA1 - Images**Human recombinant protein GSTA1 - Background**

Glutathione S-transferase A1 in humans is encoded by the GSTA1 gene. Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes function in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. The genes encoding these enzymes are known to be highly polymorphic. GSTA1 protects the cells from reactive oxygen species and is highly expressed in liver.