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GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth))

Glutathione S-Transferase Delta, GSTd2
Catalog # PBV11399r

Specification

GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth)) - Product info

Primary Accession	Q60GK5
Concentration	2
Calculated MW	26.4 kDa (236 aa, 1-216 aa + His Tag) KDa

GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth)) - Additional Info

Gene ID	692521
Gene Symbol	GST delta
Other Names	
Glutathione S-Transferase Delta, GSTd2	
Gene Source	Bombyx mori
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	≥ 20 U/mg as determined with BioVision's GST colorimetric activity assay kit.
Sequence	MGSSHHHHHHSSGLVPRGSH MTIDLYYVPG SAPCRAVLLT AKALNLNLNLKLVDLHHGEQLK PEYLKLNPQHTVPTLVDDG LSIWESRAIITYLV NKYAKGSSLYPEDPKARALVDQRLYFDIGTLYQ RFSDYFYPQVFAGAPADKAKNEKVQ EALQLLD KFLEGQKYVAGPNLTVADLSLIASVSSLEASDID FKKYAN VKRWYETVKSTAPGYQEANEKGLEAFKGLV NSMLKK

Target/Specificity
GST-Δ/GSTD2

Format
Liquid

Storage
-20°C; 2.0 mg/ml solution in 30% glycerol without additives.

GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth)) - Protocols

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

- Western Blot
- Blocking Peptides

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth)) - Images

GST-Δ/GSTD2, Active recombinant protein (Bombyx mori (Silk moth)) - Background

Glutathione S-transferase Δ is an enzyme in Bombyx mori (Silk moth) encoded by the GSTd2 gene. GSTs are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into nine classes: alpha, delta, kappa, mu, omega, pi, theta, zeta and microsomal. GSTs play a role in susceptibility to cancer, and other diseases.