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Product Datasheet

Recombinant Schistosoma Japonicum GST (E. coli) AMO-M21326

Article Name	Recombinant Schistosoma Japonicum GST (E. coli)
Biozol Catalog Number	AMO-M21326
Supplier Catalog Number	M21326
Alternative Catalog Number	AMO-M21326-10UG,AMO-M21326-50UG,AMO-M21326-500UG
Manufacturer	Abmole Bioscience
Category	Biochemikalien
Product Description	Glutathione S-Transferase (GST), an antioxidant enzyme, is involved in the primary cellular defense mechanism against reactive oxygen species. Glutathione S-transferases (GSTs), previously known as ligandins, comprise a family of eukaryotic and prokaryotic enzymes that catalyze the conjugation of glutathione (GSH) with a wide variety of substrates, including many electrophilic compounds that are capable of causing cellular damage. The GSTs play a key role in the detoxification of these substances and in the protection of cells from oxidative stress. The recombinant Schistosoma japonicum GST (E. coli) is a recombinant protein expressed in Escherichia coli. It has a molecular weight of approximately 26 kDa and a pI of approximately 5.5. The protein is expressed as a fusion protein with a C-terminal His-tag. The recombinant protein is highly pure and has a specific activity of approximately 1000 U/mg. The recombinant protein is suitable for use in a variety of applications, including Western blotting, ELISA, and immunoprecipitation. The recombinant protein is also suitable for use in functional assays, such as GSH conjugation assays. The recombinant protein is a valuable tool for the study of GSTs and their biological functions.
Purity	>95%, Endotoxin < 1 EU/μg
CAS Number	[]
Target	Cytokines and Growth Factors