

Schistosoma GST Recombinant Protein

PX-P1103-10

DESCRIPTION

Glutathione S-transferase (GST) is a 28 kDa enzyme initially found in *Schistosoma japonicum*, but presently isolated from a recombinant *E. coli* source. It catalyzes the extension of the glutathione thiol group to a suitable electrophilic species. Enzymatic activities are based on the conjugation of reduced glutathione in the presence of a second substrate.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Schistosoma
FRAGMENT	Full (pGEX6P1)
PROTEIN DELIVERED WITH TAG	No
MOLECULAR WEIGHT WITH TAG IF ANY	28,38 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	>95%
PROTEIN ACCESSION	AAB37346.1
FORM	Frozen
BUFFER	PBS, pH 7.5
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID

SWISSPROTID

UNIPROT ID

UNIPROT LINK

NCBI GENE ALIASES

SYNONYMS GST, glutathione S-transferase

PROTEIN SEQUENCE

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIRYIADKHNLGGCPKERAEISMLEGAVLDIRYG
VSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQAT
FGGGDHPPKSDLEVLFGPLGSPEFPGRRLRPHRD

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