

GST (1-218): sc-4033

BACKGROUND

Plasmid vectors for the expression of coding regions of eukaryotic genes in *E. coli* are in common usage; such expression vectors often encode hybrid fusion proteins containing part prokaryotic and part eukaryotic specified proteins. For instance, the pGEX.3X expression vector developed by Smith and Johnson allows for synthesis of fusion proteins between glutathione-S-transferase (GST) and proteins encoded by inserted cDNA sequences. Antibodies derived from these GST fusion proteins are useful for checking protein expression both in plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in *E. coli*.

REFERENCES

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SOURCE

GST (1-218) is expressed in *E. coli* as 26 kDa enzymatically active, full length (amino acids 1-218) glutathione-S-transferase (GST) protein of *Schistosoma japonicum* origin, corresponding to amino acids 1-218.

PRODUCT

GST (1-218) is purified from bacterial lysates (> 98%) by glutathione agarose affinity chromatography and supplied as 50 μ g purified protein in PBS containing 5 mM DTT and 50% glycerol.

STORAGE

Store at -20° C; stable for one year from the date of shipment.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

APPLICATIONS

GST (1-218) is suitable as a Western blotting control for sc-138, sc-53585, sc-53909, sc-57753, sc-66167, sc-80998 and sc-374171.

Molecular Weight of GST: 26 kDa.

SELECT PRODUCT CITATIONS

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PROTOCOLS

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