DB086: GST (FL1)

Background:

Expression vectors incorporating the sequence encoding the glutathion-S-transferase (GST) protein are very useful constructs for the production and purification of recombinant proteins. The protein of interest is cloned into these expression vectors producing a GST-fusion protein. The GST-tag allows fusion proteins to be efficiently purified from bacterial, yeast, mammalian or insect cell lysates utilizing an affinity matrix containing glutathione. Elution of the purified protein is accomplished under mild, nondenaturing conditions. The GST fusion adds a 26 kDa tag to a recombinant protein, which can be removed when an endopeptidase cleavage site sequence is incorporated between the tag and the protein.

Origin:

Rabbits were immunized with highly purified glutathione-S-transferase (GST) from *Schistosoma japonicum*. Antibodies were affinity purified using GST immobilized on a solid support.

Product Details:

Each vial contains 200 µg/ml of affinity purified rabbit IgG, GST *DB086 (FL1)*, in 1 ml PBS containing 0.1 % sodium azide and 0.2% gelatin.

Specificity:

GST (FL1) DB086 is specific for glutathione-S-transferase (GST) *Schistosoma japonicum* and GST fusion proteins.

Use:

GST *DB086 (FL1)* is recommended for use in Western blotting and immunopreciptiation analysis. At a 1:1,000 dilution the GST *DB086 (FL1)* works as an effective probe for Western Blotting.

Storage:

Store this product at 4º C, do not freeze. The product is stable for one year from the date of shipment.

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