

## Product Datasheet

### Enterotoxin type B Protein, *S. aureus*, Recombinant (GST) (orb1976381)

<b>Description</b>	Staphylococcal enterotoxin that activates the host immune system by binding as unprocessed molecules to major histocompatibility (MHC) complex class II and T-cell receptor (TCR) molecules. In turn, this ternary complex activates a large number of T-lymphocytes initiating a systemic release of proinflammatory cytokines. Causes also the intoxication staphylococcal food poisoning syndrome. Enterotoxin type B Protein, <i>S. aureus</i> , Recombinant (GST) is expressed in <i>E. coli</i> expression system with N-GST tag. The predicted molecular weight is 55.4 kDa and the accession number is P01552.
<b>Storage</b>	-20°C
<b>Tag</b>	N-GST
<b>Note</b>	For research use only
<b>Application notes</b>	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
<b>Protein Sequence</b>	ESQPDPKPDELHKSSKFTGLMENMKVLYDDNHVSAINVKSIDQFLYFDLIYSIKDTKLGNID NVRVEFKNKDLADKYKDKYVDVFGANYYYQCYFSKKTNDINSHQTDKCRKTCMYGGVTEHN GNQLDKYRSITVRVFEDGKNLLSFDVQTNKKKVTAQELDYLTRHYLVKNKKLYEFNNSPYET GYIKFIENENSWYDMMPAPGDKFDQSKYLMMYNDNKMVDSKDVKIEVYLTTKKK
<b>Purity</b>	90.00%
<b>MW</b>	55.4 kDa (predicted)
<b>Uniprot ID</b>	<b>P01552</b>
<b>Expiration Date</b>	6 months from date of receipt.

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