

Product Datasheet

Enterotoxin type E Protein, *S. aureus*, Recombinant (His & SUMO) (orb1976376)

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|--------------------------|---|
| Description | 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. |
| Storage | -20°C |
| Tag | N-6xHis-SUMO |
| Note | For research use only |
| Application notes | A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information. |
| Protein Sequence | SEEINEKDLRKKSELQRNALSNLRQIYYYNEKAITENKESDDQFLENTLLFKGFFTGHPWYN DLLVDLGSKDATNKYKGGKVDLYGAYYGYQCAGGTPNKTACMYGGVTLHDNNRLTEEKKV PINLWIDGKQTTVPIDKVKTSKKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQRGLIVFH SSEGSTVSYDLFDAQGQYPDTLLRIYRDNKTINSENLHIDLTYTT |
| Purity | 98.00% |
| MW | 42.4 kDa (predicted) |
| Uniprot ID | P12993 |
| Expiration Date | 6 months from date of receipt. |

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)