

Product Datasheet

Enterotoxin type C-3 Protein, *S. aureus*, Recombinant (His & SUMO) (orb1976378)

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. Enterotoxin type C-3 Protein, <i>S. aureus</i> , Recombinant (His & SUMO) is expressed in <i>E. coli</i> expression system with N-6xHis-SUMO tag. The predicted molecular weight is 43.6 kDa and the accession number is P0A0L5.
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	ESQPDMPDDLHKSSFTGTMGNMKYLYDDHYVSATKVKSVDKFLAHDLIYNISDKKLKNY DKVKTELLNEDLAKKYKDEVVDVYGSNYYVNCYFSSKDNVGKVTGGKTCMYGGITKHEGN HFDNGNLQNVLVRYENKRNTISFEVQTDKKSQVTAQELDIKARNFLINKKNLYEFNSSPYET GYIKFIENNGNTFWYDMMPAPGDKFDQSKYLMMYNDNKTVDKSVKIEVHLTTKNG
Purity	98.00%
MW	43.6 kDa (predicted)
Uniprot ID	P0A0L5
Expiration Date	6 months from date of receipt.

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