

Product Datasheet

Enterotoxin type D Protein, *S. aureus*, Recombinant (His & SUMO) (orb1976377)

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. In addition, induces B-cell proliferation and differentiation in the presence of T-cells. Causes also the intoxication staphylococcal food poisoning syndrome. Enterotoxin type D 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 42.9 kDa and the accession number is P20723.
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	NENIDSVKEKELHKKSELSSTALNNMKHSYADKNPIIGENKSTGDQSFLENTLLYKKFFTDLIN FEDLLINFNSKEMAQHFKSKNVDVYPIRYSINCYGGEIDRTACTYGGVTPHEGNKLKERKKIPI NLWINGVQKEVSLDKVQTDKKNVTQELDAQARRYLQKDLKLYNNDTLGGKIQRGKIEFDS SDGSKVSYDLFDVKGDFPEKQLRIYSDNKTLSSTEHLHIDIYLYEK
Purity	98.00%
MW	42.9 kDa (predicted)
Uniprot ID	P20723
Expiration Date	6 months from date of receipt.

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