Welqut Protease Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Welqut Protease, Recombinant Protein
Full Product Name	Recombinant Staphylococcus Aureus Welqut Protease, His Tag
Product Synonym Names	Welqut Protease, His; Welqut Protease Staphylococcus aureus Recombinant, His Tag
Host	E Coli
Form/Format	Sterile filtered colorless solution. Welqut Protease contains 10 mM Na2HPO4, 50% glycerol, 1.8 mM KH2PO4, pH 7.3, 140 mM NaCl and 2.7 mM KCl.
Purity/Purification	>97% as determined by SDS-PAGE.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Unit Definition	Each unit is defined as the amount of enzyme required to cleave => 99% of 100ug of a control protein in 16 h at 20 degree C. Enzyme activity is assayed in 100ul 100 mM Tris-HCl (pH 8.0).
Product Categories/Family for Welqut Protease recombinant protein	ENZYMES
Related Product Information for Welqut Protease recombinant protein	Introduction: WELQut Protease is an extremely specific and recombinant serine protease from Staphylococcus aureus. The WELQut Protease identifies and accurately cleaves recombinant proteins that has a recognition sequence added to them, with the amino acid sequence Trp, Glu, Leu, Gln, X (any amino acid). WELQut Protease cut externally from the recognition sequence, therefor doesn't leave extra amino acids bound to the target protein. The protease isn't temperature sensitive (works in 4-30°C) or pH sensitive (pH 6.5-9.0), also, there is no need in any particular buffers. Description: Welqut Protease Recombinant is a single, non-glycosylated polypeptide chain containing 210 amino acids and having a molecular mass of 22kDa. The Welqut Protease is fused to a 6 amino acid His tag at C-terminus and is purified by proprietary chromatographic techniques.
Other Notes	Small volumes of Welqut Protease recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Welqut Protease purchase	MBS141492 is a recombinant protein targeting Welqut Protease. Also known as Recombinant Staphylococcus Aureus Welqut Protease, His Tag. Host: E Coli.

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Online datasheet: https://www.mybiosource.com/recombinant-protein/welqut-protease/141492