# UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--L-lysine ligase (murE) Recombinant Protein | murE recombinant protein

Recombinant Streptococcus mutans UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--L-lysine ligase (murE)

| CATALOG # | HOST |
|---|---|
| **AAA117730** | **E Coli or Yeast or Baculovirus or Mammalian Cell** |

## PRODUCT SYNONYMS

UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--L-lysine ligase (murE); Recombinant Streptococcus mutans UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--L-lysine ligase (murE); murE recombinant protein

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Sequence Positions** | 1-483aa; Full Length Protein |
| **Species** | Streptococcus mutans |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 24380055 |
| **NCBI GeneID** | 1028914 |
| **NCBI Accession #** | NP_722010.1 |
| **NCBI GenBank Nucleotide #** | NC_004350.2 |
| **UniProt Accession #** | Q8DST2 |
| **Molecular Weight** | 54,017 Da |
| **NCBI Official Full Name** | UDP-N-acetylmuramoylalanyl-D-glutamate--L-lysine ligase |
| **NCBI Official Symbol** | murE |
| **NCBI Protein Information** | UDP-N-acetylmuramoylalanyl-D-glutamate--L-lysine ligase |
| **UniProt Protein Name** | UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--L-lysine ligase |
| **UniProt Gene Name** | **murE** |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/mure-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117730