

## 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 #  
AAA117730

HOST  
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

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| 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.