



# Recombinant UDP-N-acetylglucosamine--N-acetylmuramyl- (pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase (murG)

<b>Product Code</b>	CSB-EP774514SZB-B
<b>Abbreviation</b>	murG
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q83MN4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Shigella flexneri
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSGQGKRLMV MAGGTGGHVF PGLAVAHYLM AQGWWQVRWLG TADRMEADLV PKHGIEIDFI RISGLRGKGI KALIAAPLRI FNAWRQARAI MKAYKPDVVL GMGGYVSGPG GLAAWSLGIP VVLHEQNGIA GLTNKWLAKI ATKVMQAFPG AFPNAEVVGN PVRTDVLALP LPQQRLAGRE GPVRVLLVGG SQGARILNQT MPQVAAKLGD SVTIWHQSGK GSQQSVEQAY AEAGQPQHKV TEFIDDMAAA YAWADVVCVCR SGALTVSEIA AAGLPALFVP FQHKDRQQYW NALPLEKAGA AKIIEQPQLS VDAVANTLAG WSRETLTMA ERARAASIPD ATERVANEVS RAARA
<b>Source</b>	E.coli
<b>Target Names</b>	murG
<b>Protein Names</b>	Recommended name: UDP-N-acetylglucosamine--N-acetylmuramyl- (pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase EC= 2.4.1.227 Alternative name(s): Undecaprenyl-PP-MurNAc-pentapeptide-UDPGlcNAc GlcNAc transferase
<b>Expression Region</b>	1-355
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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