

UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase Recombinant Protein | murG recombinant protein

Recombinant Bacillus subtilis UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase

CATALOG #	HOST
AAA114485	E Coli or Yeast or Baculovirus or Mammalian Cell

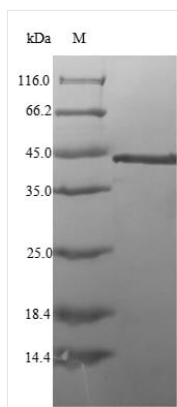
PRODUCT SYNONYMS

UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase; Recombinant Bacillus subtilis UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase; EC=2.4.1.227; Undecaprenyl-PP-MurNAc-pentapeptide-UDPGlcNAc GlcNAc transferase; murG 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	1-363aa;Full Length
Sequence	MRIAISGGGT GGHIYPALAF IKEVQRRHPN VEFYIGTEN GLEKKIVERE NIPFRSIEIT GFKRKLSFEN VKTVMRFLKG VKKSksylAE FKPDVIGTG GYVCGPVVYA AAKMGIPTIV HEQNSLPGIT NKFLSKYVVK VAICFEEAKS HFPSEKVVFT GNPRASEVVS IKTGRSLAEF GLSEDKKTVL IFGGSRGAAAP INRAVIDMQD VLKTRDYQVL YITGEVHYEK VMNELKSKGA ADNMTVKPFL HQMPEYLKAI DVIVARAGAT TIAEITALGI PSVLIPSPYV TANHQEVNAR SLGQHDAIV LKETELSGEK LIEALDRIVL NEQTLKEMSE RTKSLGVPDA AARLYSVLEE LKK
Species	Bacillus subtilis (strain 168)
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for murG recombinant protein	murG
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255767349
NCBI GeneID	935929
NCBI Accession #	NP_389405.2
NCBI GenBank Nucleotide #	NC_000964.3
UniProt Accession #	P37585; P18578; Q59247
Molecular Weight	43.9 kDa
NCBI Official Full Name	UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase
NCBI Official Symbol	murG
NCBI Protein Information	UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase
UniProt Protein Name	UDP-N-acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase
UniProt Gene Name	murG
UniProt Synonym Gene Names	BSU15220
UniProt Entry Name	MURG_BACSU

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://www.aaabiotech.com/murg-recombinant-protein-e-coli/114485>