

Recombinant Neisseria Meningitidis Serogroup B MRCA Protein (206-413 aa), His-SUMO-tagged

Cat. No. MRCA-2176N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Neisseria Meningitidis Serogroup B (strain MC58) MRCA Protein (206-413 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Neisseria Meningitidis Serogroup B
Source	E.coli
ProteinLength	206-413 aa
Description	Cell wall formation. Synthesis of cross-linked peptidoglycan from the lipid intermediates. The enzyme has a penicillin-insensitive transglycosylase N-terminal domain (formation of linear glycan strands) and a penicillin-sensitive transpeptidase C-terminal domain (cross-linking of the peptide subunits).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.0 kDa
AA Sequence	KAPSAYNP IVNPERAKLRQKYILNNMLEEKMITVQQRDQALNEELHYERFVRKIDQS ALYVAEMVRQELYEKYGEDAYTQGFKVYTTVRADHQKVATEALRKALRNFD RGSSY RGAENYIDLSKSEDVEETVSQYLSGLYTVDKMVPAVVLDTKKKNVVIQLPGGRRVT LDRRALGFAARAVNNEKMGEDRIRRGAVIRVKNNNGRW

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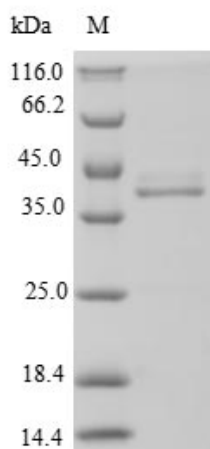
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	mrcA; Peptidoglycan TGase DD-transpeptidase;
UniProt ID	P0A0Z6



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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