

Recombinant Streptococcus Pyogenes Serotype M5 EMM5 Protein (43-461 aa), His-SUMO-Myc-tagged

Cat. No. EMM5-2177S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptococcus Pyogenes Serotype M5 EMM5 Protein (43-461 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Species	Streptococcus Pyogenes Serotype M5
Source	E.coli
ProteinLength	43-461 aa
Description	This protein is one of the different antigenic serotypes of protein M. Protein M is closely associated with virulence of the bacterium and can render the organism resistant to phagocytosis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	52.5 kDa
AA Sequence	AVTRGTINDPQRAKEALDKYELENHDLKTKNEGLKTENEGGLKTENEGGLKTENEGGLKT EKKEHEAENDKLKQQRDTLSTQKETLEREVQNTQYNNETLKIKNGDLTKELNKTRQ ELANKQQESKENEKALNELLEKTVKD KIAKEQENKETIGTLKKILDETVKD KIAKEQEN KETIGTLKKILDETVKDKLAKKEQSKQNIGALKQELAKKDEANKISDASRKGLRRDL ASREAKKQLEAEHQKLEEQNKISEASRKGLRRDLASREAKKQLEAEQQKLEEQNKI

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SEASRKGLRRDLASREAKKQVEKALEEANSKLAALEKLNKELEESKKLTEKEKAEL
QAKLEAEAKALKEQLAKQAEELAKLRAGKASDSQTPDTKPGNKAVPGKGQAPQAG
TKPNQNKAPMKETKRQLPST

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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

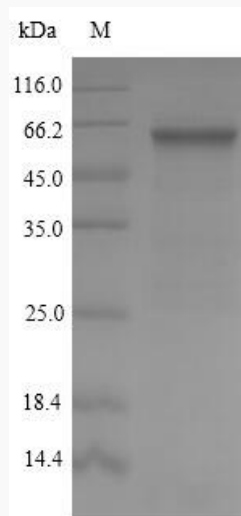
Synonyms emm5;

UniProt ID [P02977](#)

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

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