

C5a peptidase Protein, *S. pyogenes* M1, Recombinant (His)

General Information

Synonyms: scpA;SCP;C5a peptidase

Protein Construction: 96-584 aa

Species: *Streptococcus pyogenes*

Expression Host: *E. coli*

Accession: P15926

Molecular Weight: 59.8 kDa (Predicted)

AA Sequence: ATSKATIRDLNDPSQVKTLQEKAGKGAGTVVAVIDAGFDKNHEAWRLTDKTKARYQSKEDLEKAKKEHGITY
GEWVNDKVAYYYHDYSKDGKTAVDQEHGTHVSGILSGNAPSETKEPYRLEGAMPEAQLLMRVEIVNGLADY
ARNYAQAIRDAVNLGAKVINMSFGNAALAYANLPDETKKAFDYAKSGVSIIVTSAGNDSSFSGGKTRLPLADH
PDYGVVGTAAADSTLTVASYSYSPDKQLTETAMVKTDQDQDKEMPVLSTNRFEPNKAYDYAYANRGMKEDD
FKDVKGKIALIERGDIDFKDKVANAKKAGAVGVLIYDNQDKGFPIELPNVDQMPAAFISRKDGLLLKDNPPQKTI
TFNATPKVLPTASGTKLSRFSSWGLTADGNIKPDIAAPGQDILSSVANNKYAKLSGTSMAPLVAGIMGLLQK
QYETQYPDMTPSERLDLAKKVLMSATALYDEDEKAYFSPRQQGAGAVDAKKASAAT

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 95% as determined by SDS-PAGE.

Endotoxin: Not tested.

Formulation: Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 18 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481