

Human SMS Recombinant Protein



RPPB2276

Product Information Protein Information

Product SKU:

RPPB2276

Accession:

P52788

Host:

Escherichia Coli.

Protein description:

SMS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 390 amino acids (1-366) and having a molecular mass of 43.8kDa. SMS is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Spermine synthase, SPMSY, Spermidine aminopropyltransferase, SMS, SRS, SpS, MRSR.

Formulation:

The SMS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHEMAARH STLDFMLGAK ADGETILKGL QSIFQEQGMA ESVHTWQDHG
YLATYTNKNG SFANLRIYPH GLVLLDLQSY DGDAQGKEEI DSILNKVEER MKELSQDSTG RVKRLPPIVR
GGAIDRYWPT ADGRLVEYDI DEVVYDEDSP YQNIKILHSK QFGNILILSG DVNLAESDLA YTRAIMGSGK
EDYTGKDVLI LGGGDGGILC EIVKLPKMV TMVEIDQMVI DGCKKYMRTK CGDVLNLLKDCYQVLIEDC
IPVLKRYAKE GREFDYVIND LTAVPISTSP EEDSTWEFLR LILDLSMKVL KQDGKYFTQG NCVNLTEALS
LYEEQLGRLY CPVEFSKEIV CVPSYLELWV FYTVWKKAKP.