

Human POMC Recombinant Protein



RPPB4277

Product Information Protein Information

Product SKU:

RPPB4277

Accession:

P01189

Host:

Escherichia Coli.

Protein description:

POMC produced in E.Coli is a single, non-glycosylated polypeptide chain containing 262 amino acids (27-267 a.a) and having a molecular mass of 28.9kDa (molecular weight on SDS-PAGE will appear higher).POMC is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Pro-opiomelanocortin, POMC, LPH, MSH, NPP, POC, ACTH, CLIP.

Formulation:

POMC protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.2M NaCl.

Purity:

Greater than 85.0% 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 SGLVPRGSH MWCLESSQCQ DLTTESNLLC CIRACKPDLS AETPMFPGNG DEQPLTENPR
KYVMGHFRWD RFGRRNSSSS GSSGAGQKRE DVSAGEDCGP LPEGGPEPRS DGAKPGPREG KRSYSMEHFR
WGKPVGKKRR PVKVYPNGAE DESAEAFPLE FKRELTGQRL REGDGPDGPA DDGAGAQADL EHSLLVAAEK
KDEGYPYRMEH FRWGSPPKDK RYGGFMTSEK SQTPLVTLFK NAIKNAYKK GE.