

Mouse BLMH Recombinant Protein



RPPB1447

Product Information Protein Information

Product SKU:

RPPB1447

Accession:

Q8R016

Host:

Escherichia Coli.

Protein description:

BLMH Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 478 amino acids (1-455 aa) and having a molecular mass of 54.9 kDa. BLMH is fused to a 23 amino acid His tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

BMH, BH, BLM hydrolase, Bleomycin Hydrolase.

Formulation:

The BLMH solution (0.25 mg/ml) contains 1mM DTT, 30% Glycerol, 20mM Tris-HCl(pH8.0) and 0.1M 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 SGLVPRGSH MGSMMNAGLN SEKVSALIQK LNSDPQFVLA QNVGTTHDLLDCLRRATVQ
GAQHVFQHVV PQEGKPVNTQ KSSGRCWIFS CLNVMRLPFM KKFNIEEFESQSYLFFWVK VERCYFFLNA
FVDTAQKKEP EDGRLVQYLL MNPTNDGGQW DMLVNIVEKYGVVPPKCFPE SHTEATRMR NDILNHKMRE
FCIRLRNLVH SGATKGEISS TQDAMMEEIFRVVICLGNP PETFTWEYRD KDKNYHKIGP ITPLQFYKEH
VKPLFNMEDK ICFVNDPRPQHKNKLYTVD YLSNMVGGGRK TLYNNQPIDF LKKMVAASIK DGEAVWFGCD
VGKHFNGKLGSLDMNVYDHE LVFGVSLKNM NKAERLAFGE SLMTHAMTFT AVSEKDNQEG
TFVKWRVENSWGEDHGHKGY LCMTDEWFSE YVYEVVVDKK HVPEEVLAVL EQEPIVLPW DPMGALAE

Biological Activity:

Specific activity is > 1,500 pmole/min/ug. Measured by hydrolysis of 1pmole of Met-AMC to Methionine and AMC per minute at pH7.5 at 37°C.