

Bleomycin Hydrolase Human Recombinant

Item Number	rAP-1171
Synonyms	BMH, BH, BLM hydrolase, Bleomycin Hydrolase.
Description	BLMH produced in E.Coli is a single, non-glycosylated polypeptide chain containing 475 amino acids (1-455a.a.) and having a molecular mass of 54.7kDa. BLMH is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13867
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSSGLNSEK VAALIQLNS DPQFVLAQNV GTTHDLLDIC LKRAT-VQRAQ HVFQHAVPQE GKPITNQKSS GRCWIFSLN VMRLPFMKKL NIEEFESQS YLFFWDKVER CYFFLSAFVD TAQRKEPEDG RLVQFLLMNP ANDGGQWDML VNIVEKYGVI PKKCFPESYT TEATRRM-NDI LNHKMREFCI RLRNLVHSGA TKGEISATQD VMMEEIFRVV CICLGNPPET FTWEYRDKDK NYQKIGPITP LEFYREHVKP LFNMEDKICL VNDPRPQHKY NKLYTVEYLS NMVGGRTLY NNQPIDFLKK MVAASIKDGE AVWFGCDVGK HFNSKLGLSD MNLVDHELVEF GVSLKMNKA ERLTFGESLM THAMTFTAVS EKDDQDGAFK KWRVENSWE DHGHKGYLEM TDEWFSEYVY EVVVDKRHVP EEVLAVLEQE PIILPAWDPM GALAE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Formulation and Purity	The BLMH protein solution (1mg/1ml) is formulated in 20mM Tris-HCl Buffer (pH 8.0) and 10% Glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity: > 1,000 pmole/min/ug. Measured by the hydrolysis of Met-AMC at pH 7.5, at 37C.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**