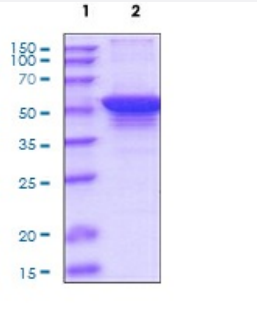
Bioactive Full-Length

Blmh (Mouse) Recombinant Protein

Catalog # P8059 Size 50 ug

Applications



Specification

Product Description	Mouse Blmh (Q8R016, 1 a.a. - 455 a.a.) full length recombinant protein His tag expressed in *Escherichia coli*.
Sequence	MNNAGLNSEKVSALQKLNSDPQFVLAQNVGTTHDLLDICLRRATVQGAQHVFQHVVPQEGKPVT NQKSSGRCWIFSCLNVMRLPFMKKFNIEEFEFSQSYLFFWDKVERCYFFLNAFVDTAQKKEPED GRLVQYLLMNPTNDGGQWDMLVNIVEKYGVVPKKCFPESHTTEATRRMNDILNHKMREFCIRLRN LVHSGATKGEISSTQDAMMEEIFRVVCICLGNPPETFTWEYRDKDKNYHKIGPITPLQFYKEHVKPL FNMEDKICFVNDPRPQHKYNKLYTVDYLSNMVGGRKTLYNNQPIDFLKKMVAASIKDGEAVWFGC DVGKHFNGKLGLSDMNVYDHELVFGVSLKNMNKAERLAFGESLMTHAMTFTAVSEKDNQEGTF VKWRVENSWGEDHGHKGYLCMTDEWFSEYVYEVVVDKKHVPEEVLAVLEQEPIVLPAWDPMG ALAE
Host	Escherichia coli
Theoretical MW (kDa)	54.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS-PAGE
Activity	Specific activity is > 1500 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 1 pmole of Met-AMC to Methionine and AMC per minute at pH7.5 at 37°C.

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Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (30% glycerol, 0.1 M NaCl, 1 mM DTT)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Blmh

Entrez GeneID	104184
Protein Accession#	Q8R016
Gene Name	Blmh
Gene Alias	AI035728, BH, BMH, MGC36899, MGC37104, MGC39026
Gene Description	bleomycin hydrolase
Gene Ontology	Hyperlink
Other Designations	BLM hydrolase|OTTMUSP00000006555

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