

Recombinant mouse beta-2 microglobulin protein, Fc-tagged

Cat. No. B2m-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse beta-2 microglobulin protein with N-terminal Fc fusion tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	326
Description	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
Form	Buffered aqueous solution
Molecular Mass	37.1 kDa
AA Sequence	DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNW YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIE KTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN NYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP GKIQKTPQIQVYSRHPPENGKPNILNCYVTQFHPPHIEIQMLKNGKKIPKVMDSMSF SKDWSFYILAHTFTPTETDTYACRVKHASMAEPKTVYWDRDM
Purity	90% by SDS-PAGE

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Applications	Antigen for antibody production ELISA Kinetics
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.19 mg/ml
Storage Buffer	Solution in 50mM Tris-HCl, 300mM NaCl, pH 8.5.

GENE INFORMATION

Gene Name	B2m
Official Symbol	B2m
Synonyms	Ly-m11, beta 2 microglobulin, beta2-m
Gene ID	12010
mRNA Refseq	NM_009735.3
Protein Refseq	NP_033865.2
UniProt ID	P01887

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SDS-PAGE



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