



Recombinant Crab-eating macaque HSP90AB1 Protein Product Manual

1. Product Basic Information

Product No.: REP07158

Protein Name: Heat Shock 84 Kda (HSP90AB1)

Aliases: HSP84; HSPC2; HSPCB; D6S182; HSP90B; HSP90-beta; heat shock 84 kDa; heat shock protein 90 kDa; heat shock protein HSP 90-beta; heat shock 90kD protein 1, beta

UniProt ID: P08238

UniProt Link: <https://www.uniprot.org/uniprotkb/P08238/entry>

Species Source: Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)

Expression System: Mammalian cell

Protein Length: Full Length (1-724aa)

Molecular Weight: 84.7 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (1-724aa)

MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNASDALDKIRYESL
TDPSKLD SGKELKIDIIPNPQERTLT LVD TGIGMTKADLNNLGTIAKSGTKAFMEALQ
AGADISMIGQFGVGFYSAYLVAEKVVVITKHNDDEQYAWESSAGGSFTVRADHGEP
IGRGTKVILHLKEDQTEYLEERRVKEVVKKHSQFIGYPITLYLEKEREKEISDDEAE
KGEKEEEDKDDEEKPKIEDVGSDEEDDSGKDKKKKTKKIKEKYIDQEELNKTPIWT
RNPDDITQEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPRRAPFDLFENK
KKKNNIKLYVRRVFIMDSCDELIPEYLN FIRGVVDS EDLPLNISREMLQQSKILKVIRK
NIVKKCLELFS ELAEDKENYKKFYEA FSKNLKLG IHEDSTNRRRLSELLRYHTSQSG
DEMTSLSEYVSRMKETQKSIYYITGESKEQVANS AFVERVRKRGFEVVMTEPIDEY
CVQQLKEFDGKSLVSVTKEGLELPEDEEEKKKMEESKAKFENLCKLMKEILDKKVE
KVTISNRLVSSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMMAKKHLEINPDH
PIVETLRQKAEADKNDKAVKDLVLLFETALLSSGFSLEDPQTHSNRIYRMIKLGLGI
DEDEVA AE EPSAAVPDEIPPLEGDEDASRMEEVD



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Crab-eating macaque HSP90AB1 full length protein (1-724aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification.

HSP90AB1, also known as HSP84 or HSPC2 or HSPCB, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.