



Recombinant Human HSPA6 Protein Product Manual

1. Product Basic Information

Product No.: REP07163

Protein Name: Heat Shock 70 Kda Protein Heat Shock 70 Kda Protein B' (HSPA6)

Aliases: heat shock 70 kDa protein heat shock 70 kDa protein B'; heat shock 70kD protein 6 (HSP70B'); heat shock 70kDa protein 6 (HSP70B'); heat shock protein family A (Hsp70) member 6

UniProt ID: P17066

UniProt Link: <https://www.uniprot.org/uniprotkb/P17066/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-637aa)

Molecular Weight: 74.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-637aa)

MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLVGDA
AKSQAALNPHNTVFDKRLIGRKFAADTTVQSDMKHWPFRVVSSEGGKPKVRVCYRG
EDKTFYP EEISSMVLSKMKETA EAYLGQPVKHAVITVPAYFNDSQRQATKDAGAIAG
LNVLR IINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSIDAGVFEVKATAG
DTHLGGEDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRLRTACERAKRTLSSSTQ
ATLEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAQIHDVVLV
GGSTRIPKVQKLLQDFFNGKELNKSINPDEAVAYGA AVQA AVLMGDKCEKVQDLLL
LDVAPLSLGL ETAGGVMTTLIQRNATIP TKQTQTFTTYS DNQPGVFIQVYEGERAMT
KDNNLLGRFELSGIPAPRGVPQIEVTFDIDANGILSVTATDRSTGKANKITITNDKGR
LSKEEVERMVHEAEQYKA EDEAQRDRVA AKNSLEAHVFHVKGSLQEESLRDKIPEE
DRRKMQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRP IFSRLYGGPGVPGGS
SCGTQARQGDPSTGP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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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 Human HSPA6 partial protein (1-637aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. HSPA6, also known as heat shock 70 kDa protein heat shock 70 kDa protein B' or heat shock 70kD protein 6 (HSP70B') or heat shock 70kDa protein 6 (HSP70B'), 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.