



Recombinant Human CSNK1D Protein Product Manual

1. Product Basic Information

Product No.: REP06568

Protein Name: Casein Kinase Casein Kinase 1 Delta (CSNK1D)

Aliases: ASPS; CKId; HCKID; FASPS2; CKIdelta; CKI-delta; casein kinase casein kinase 1 delta; tau-protein kinase CSNK1D; casein kinase I isoform delta

UniProt ID: P48730

UniProt Link: <https://www.uniprot.org/uniprotkb/P48730/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-415aa)

Molecular Weight: 54.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-415aa)

MELRVGNRYRLGRKIGSGSFGDIYLGTDIAAGEEVAIKLECVKTKHPQLHIESKIYKM
MQGGVGIPITRWCGAEGDYNVMVMELLGPSLEDLFNFC SRKFS LKTVLLADQMIS
RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKN
LTGTARYASINTHLGIEQSRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERIS
EKKMSTPIEVLCKGYPSEFATYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSYD
YVFDWNMLKFGASRAADDAERERRDREERLRHSRNPATRGLPSTASGRLRGQTQE
VAPPTPLTPTSHTANTSPRPVSGMERERKVS MR LHRGAPVNISSSDLTGRQDTSR
MSTS QIPGRVASSGLQSVVHR

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 Human CSNK1D full length protein (1-415aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CSNK1D, also known as ASPS or CKId or HCKID, 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.