

Datasheet for ABIN5709341

CSNK1A1 Protein (AA 2-337) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CSNK1A1 |
| Protein Characteristics: | AA 2-337 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CSNK1A1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

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| Sequence: | ASSSGSKAEF IVGGKYKLV R KIGSGSFGDI YLAINITNGE EVAVKLESQK ARHPQLLYES KLYKILQGGV GIPHIRWYGQ EKDY NVLVMD LLGPSLEDLF NFCSRFTMK TVLMLADQMI SRIEYVHTKN FIIHRDIKPDN FLMGIGRHCN KLFLIDFGLA KKYRDNRTRO HIPYREDKNL TGTARYASIN AHLGIEQSRR DDME SLGYVL MYFNRTSLPW QGLKAATKKQ KYEKISEKKM STPVEVLCKG FPAEFAMYL N YCRGLRFEEA PDYMYLRQLF RILFRTL NHQ YDYTFDWTML KQKAAQQAAS SSGGQQAQT PTGKQTDKTK SNMKGF |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

Target Details

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|---------|---------|
| Target: | CSNK1A1 |
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Target Details

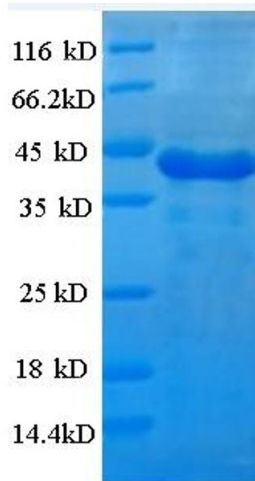
| | |
|-------------------|---|
| Alternative Name: | KC1A (CSNK1A1 Products) |
| Background: | Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May phosphorylate PER1 and PER2. May play a role in segregating chromosomes during mitosis. |
| Molecular Weight: | 42.9 kDa |
| UniProt: | P48729 |
| Pathways: | WNT Signaling , Hedgehog Signaling |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C, 4 °C, -20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |



SDS-PAGE

Image 1.